DOCUMENT RESUME

ED 268 296 CE 044 134

TITLE Vocational Agriculture Computer Handbook.
INSTITUTION Kentucky State Dept. of Education, Frankfort.
PUB DATE 85
NOTE 140p.
PUB TYPE Reference Materials - Directories/Catalogs (132)

EDRS PRICE MF01/PC06 Plus Postage.
DESCRIPTORS *Agricultural Education; Agricultural Engineering; Agricultural Production; Agricultural Skills; *Agriculture; Business Skills; *Courseware; Environmental Education; Farm Management; Horticulture; Leadership; Postsecondary Education; Safety; Secondary Education; Student Organizations; *Vocational Education; Word Processing
IDENTIFIERS Courseware Evaluation; Kentucky

ABSTRACT

This document is a catalog of reviews of computer software suitable for use in vocational agriculture programs. The reviews were made by vocational agriculture teachers in Kentucky. The reviews cover software on the following topics: farm management, crop production, livestock production, horticulture, agricultural mechanics, general agriculture, leadership, safety, environmental education, and miscellaneous (word processing, filing systems, spreadsheets, and so forth). Each review is a one-page outline containing program name, vendor, purchase point, cost, coverage, difficulty, program description, suggested user level, suggestions for application or use, time required for teacher preparation and use, program requirements for use--equipment, books, materials--and reviewer comments. The final section of the catalog lists programs by subject area and provides vendor names and addresses for each one. (KC)

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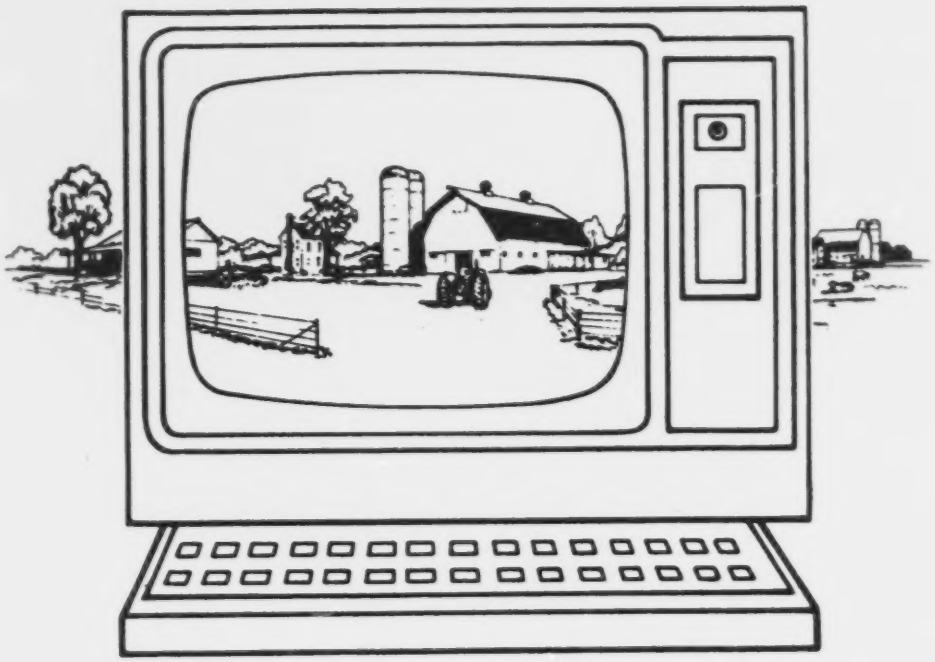
Vocational Agriculture



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Computer Handbook

1985

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Research and Development Unit
Project Number X99880043F

Printed with Federal Funds

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PURPOSE OF THE VOCATIONAL AGRICULTURE COMPUTER PROJECT

The Vocational Agriculture Computer Project began July 1, 1983, as a Research/Exemplary Project in the Office of Vocational Education under the direction of the Agribusiness Education Unit.

Since agriculture is a highly technical and rapidly changing industry and computer technology is becoming a very important part of agriculture as a management tool, it was thought we should begin a project to stimulate the interest of vocational agriculture to incorporate the use of computers within the curriculum. When the project originated, vocational agriculture was making very limited use of computers primarily due to lack of knowledge and guidance on the feasibility of computer-assisted instruction.

Seeing this opportunity the project was developed to initiate the use of computers at eleven sites across the state. The consortium of vocational agriculture teachers was selected primarily on previous contacts expressing interest in computers. The teachers served as an advisory committee to plan the developments of the project in addition to conducting the specific activities in their vocational agriculture programs.

The first year of the project primarily concentrated on the evaluation of available software in various instructional areas (the findings which are included in this handbook). The instructional areas were assigned to specific teachers to concentrate on during the year in order to avoid duplication of effort.

The teachers identified the information which should be determined through the software evaluations. Each teacher evaluated the software on this criteria and prepared the evaluations. Those utilizing these evaluations must understand that the evaluations are prepared in terms of the individual teacher's opinion of the software. It is suggested that you should contact the teacher if you have more specific questions concerning a program.

The second year of the project primarily emphasized methods of utilizing computers in the classroom. To begin the project, a workshop was conducted by Julie Palmer, Agri-Education of Stratford, Iowa, on utilizing computers in vocational agriculture, which included various methods of classroom use. The teachers have been experimenting with various methods of computer utilization in the classroom throughout the year. If you have questions concerning these methods, please contact one of the teachers participating in the project.

VOCATIONAL AGRICULTURE COMPUTER PROJECT PARTICIPANTS

Teacher	School
Jewell Colliver	Barren County
Pat Henderson	Breckinridge County
Phil Rudolph	Caldwell County
Jerry Coleman	Daviess County
David Duncan & Jon Hall	Franklin-Simpson
Larry Lynch	Fulton County AVEC
Russell Parsons	Rockcastle County
Doug Southworth	Scott County
Arthur Green	Todd County
Joe Duncan	Bowling Green SVTS
Jim Wilds	Woodford County

We wish to thank all of the above teachers of agriculture who have participated in the Vocational Agriculture Computer Project the past two years. The information which they have prepared to include in this handbook should be useful to all vocational agriculture teachers planning to incorporate the use of computers in the curriculum.

TEACHERS NAME *Phil Rudolph*

1. Program Name

   Ag-Com Livestock -- Crops

2. Vendor - Who developed/Suggestions on where to purchase.

   Photocom Productions, P. O. Box 3135, Pismo Beach, CA 93449

3. Cost - Close Estimate/Cost of backups.

4. Documentation - Coverage, Difficulty, etc.
   Must have a great deal of information for input

5. Program Description - What does it do?

Cattle Feeding Economics	*Least Cost Fert. App.*	
Cow Calf Profitability	*Liquid Manure and Fertilizer*	
Net Energy for Feedlot Cattle	*Economics of Corn Production*	
Prof. Bal. for Feedlot Cattle	*Corn vs. Alt. Crop*	
Adjusted Weaning Wgt.	*Corn Harvest Losses*	
Swine Rations Formulation and Analysis	*Selling Wet vs. Dry Corn*	
Farrow to Finish	*Soybean Harvest Losses*	
Producing Feeder Pigs	*Crop Yields*	
Finishing Feeder Pigs	*Field Population*	
Sheep Production	*Field Size*	*Liming Soil*
Liquid Manure and Fertilizer	*Soil Erosion*	*Fertilizer Formulation*

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   Most programs are best suited for grades 11-adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both

8. Time required for teacher preparation - use.

   Varies with programs -- requires lots of information for input

9. Program Requirements for Use - Equipment, Books, Materials.

10. Reviewer Comments - Information about backups, other.

    Programs are valuable but not outstanding.

TEACHERS NAME *Phil Rudolph*

1. Program Name
   Ag Disk Market Charting Package
2. Vendor - Who developed/Suggestions on where to purchase.
   Harris Technical Systems, 624 Peach Street, P. O. Box 80837, Lincoln, NE 68501 402/476-2811
3. Cost - Close Estimate/Cost of backups.
4. Documentation - Coverage, Difficulty, etc.
5. Program Description - What does it do?

   Commodity File Maintenance
   Single Commodity Charting
   Basis/Spread Charting
   Print Commodity Price List
   Change Market Data Diskettes

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?
   Young-Adult Maybe seniors
7. Suggestions for Use or Application - Group, Individual, etc.
   Both but at adult level
8. Time required for teacher preparation - use.
   Must gather information for input
9. Program Requirements for Use - Equipment, Books, Materials.
10. Reviewer Comments - Information about backups, other.

    Best for adults -- good program for individuals on the farm.

TEACHERS NAME *Phil Rudolph*

1. Program Name

   Ag Disk Financial Management Series I

2. Vendor - Who developed/Suggestions on where to purchase.
   Harris Technical Systems, P. O. Box 80837, 624 Peach Street, Lincoln, NE 68501 402/476-2811
3. Cost - Close Estimate/Cost of backups.

4. Documentation - Coverage, Difficulty, etc.

5. Program Description - What does it do?

   Farm Profit Analysis
   Depreciation Schedules
   Land Purchase Analysis
   Loan Cost Calculator
   Interest Income Calculator

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?
   All but last two programs should be used with young/adult

7. Suggestions for Use or Application - Group, Individual, etc.
   Individual

8. Time required for teacher preparation - use.
   Average -- must have input information

9. Program Requirements for Use - Equipment, Books, Materials.

10. Reviewer Comments - Information about backups, other.

    Other programs do just as well and offer more subject areas.

TEACHERS NAME *Phil Rudolph*

1. Program Name

   Livestock - Crops - Finance

2. Vendor - Who developed/Suggestions on where to purchase.

   Ag Plus Software, 906 South Main, Ida Grove, Iowa 51445

3. Cost - Close Estimate/Cost of backups.

   $95

4. Documentation - Coverage, Difficulty, etc.

5. Program Description - What does it do?

   Beef Forecast
   Porky's Outlook
   Grain Holding Cost
   Spray Nozzle Selection
   Weeds and Herbicides
   Land Loan Level Principal

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-Adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both

8. Time required for teacher preparation - use.

   Average

9. Program Requirements for Use - Equipment, Books, Materials.

10. Reviewer Comments - Information about backups, other.

    Not an outstanding program. Other programs that offer same information or more are better.

TEACHERS NAME *Phil Rudolph*

1. Program Name

   Ag Financial Calculations

2. Vendor - Who developed/Suggestions on where to purchase.

   Photocom Productions

3. Cost - Close Estimate/Cost of backups.

   $49

4. Documentation - Coverage, Difficulty, etc.

5. Program Description - What does it do?

   Simple Interest
   Depreciation
   Mortgage Analysis
   Leasing vs. Purchasing
   Compound Interest
   Disclaimer of Warranty

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both

8. Time required for teacher preparation - use.

   Little

9. Program Requirements for Use - Equipment, Books, Materials.

10. Reviewer Comments - Information about backups, other.

    Good - Simple program

TEACHERS NAME *John Lacy*

1. Program Name

   Ag Disk - Crop/Livestock Profit Projector

2. Vendor - Who developed/Suggestions on where to purchase.
   Harris Technical Systems, Inc., 624 Peach Street, P. O. Box 80837
   Lincoln, NE 68501 402/476-2811
3. Cost - Close Estimate/Cost of backups.

4. Documentation - Coverage, Difficulty, etc.

5. Program Description - What does it do?

   Making crop or livestock enterprise profit or loss projections.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12 and adults

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible

8. Time required for teacher preparation - use.

9. Program Requirements for Use - Equipment, Books, Materials.
   Apple II and 2 disk drives

10. Reviewer Comments - Information about backups, other.

    This is an excellent program for projecting probable returns for the Kentucky Vo-Ag Notebook. A very simple and straight-forward program, good for use with younger students. A good "first" program for use in the Vo-Ag Program.

TEACHERS NAME *John Lacy*

1. Program Name

   FARM - Farm Accounting & Records Management

2. Vendor - Who developed/Suggestions on where to purchase.
   Specialized Data Systems, Inc., Box 8278, Madison, WI 53708
   608/241-5050

3. Cost - Close Estimate/Cost of backups.

   $395 on farm $165 Educational (limited input)

4. Documentation - Coverage, Difficulty, etc.

5. Program Description - What does it do?

   A cash accounting program that gives cash flow projections by month or year, enterprising for every transaction, Schedule F estimate, complete year detail listing.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   11 and 12, adults

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple II and 2 disc drives

10. Reviewer Comments - Information about backups, other.

    A very thorough cash accounting program, very advanced. The enterprising of each transaction is time-consuming and fairly complicated due to codes. High quality and very descriptive reports given. Suited for the young farmer seeking a cash accounting system.

TEACHERS NAME *Jerry Coleman*

1. **Program Name**

   Financial Management Series One

2. **Vendor - Who developed/Suggestions on where to purchase.**

   Radio Shack

3. **Cost - Close Estimate/Cost of backups.**

   $99.95

4. **Documentation - Coverage, Difficulty, etc.**

   Load program, insert code, and select program

5. **Program Description - What does it do?**

   Contains farm profit analysis, depreciation schedules, land purchase analysis, loan cost calculator, interest income calculation.

6. **Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?**

   11-12 and adult

7. **Suggestions for Use or Application - Group, Individual, etc.**

   Both individual and group are possible.

8. **Time required for teacher preparation - use.**

   1-2 hours at first, then 15-20 minutes later

9. **Program Requirements for Use - Equipment, Books, Materials.**

   TRS 80 Model III (can use on IV)

10. **Reviewer Comments - Information about backups, other.**

    Excellent information in this program and instructions are easy to follow for students and can be used for adults.

TEACHERS NAME *Jerry Coleman*

1. Program Name

   Farm Management Utilities Template

2. Vendor - Who developed/Suggestions on where to purchase.

   Western KY University Ag. Department, Bowling Green, KY 42101 *%Dr. James McGuire 502/745-3151*

3. Cost - Close Estimate/Cost of backups.

   $50

4. Documentation - Coverage, Difficulty, etc.

   Load VisiCalc (VC) into computer then put program into computer, hit /SL to load desired program.

5. Program Description - What does it do?

   Crop and Livestock Summaries
   Net Worth
   Cash Flow
   Ten Forty Tax Form
   Depreciation Schedule
   Budgets

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   11, 12, and adults

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   1-2 hours

9. Program Requirements for Use - Equipment, Books, Materials.

   TRS 80 Model I, III, can also use on Model IV -- VisiCalc Program, chemical and fertilizer recommendations, and price lists on feed, fertilizer and equipment charge

10. Reviewer Comments - Information about backups, other.

    Very good program with lots of information that can easily be changed to adapt to individual's operation. Really good for adult work or high school farm management.

TEACHERS NAME *George Morgan*

1. Program Name

   Farmware Computerized Records

2. Vendor - Who developed/Suggestions on where to purchase.

   So. Minnesota Software, P. O. Box 2134, N. Mankato, MN 56001, 507/345-8096

3. Cost - Close Estimate/Cost of backups.

   $149.00

4. Documentation - Coverage, Difficulty, etc.

   This program comes with two disks -- one for drive 0, the other for drive 1.

5. Program Description - What does it do?

   Checks, deposits, non-cash transactions, cash flow receipts, cash flow disbursements, income statements, balance sheet, detail transaction register, cash and non-cash transactions

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   Adult/experienced with computers

7. Suggestions for Use or Application - Group, Individual, etc.

   Individual learning only

8. Time required for teacher preparation - use.

   4 to 6 hours, very complicated

9. Program Requirements for Use - Equipment, Books, Materials.

   TRS 80 Model III, will run on Model IV

10. Reviewer Comments - Information about backups, other.

    We have had great difficulty with these programs. At this time, we are unable to run this program and give proper analysis.

TEACHERS NAME *Jerry Coleman*

1. Program Name

   Business Management Visicalc Templates

2. Vendor - Who developed/Suggestions on where to purchase.

   Radio Shack

3. Cost - Close Estimate/Cost of backups.

   $69.95

4. Documentation - Coverage, Difficulty, etc.

   Load VC in Drive 0, program in Drive 1 - type (/SL) to lead desired program.

5. Program Description - What does it do?

   Land purchase, depreciation, credit line, installment loan, investment payback, net present value

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   11, 12, adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   2 hours

9. Program Requirements for Use - Equipment, Books, Materials.

   TRSA Model III -- will run on Model IV, need up-to-date price information & Visicalc.

10. Reviewer Comments - Information about backups, other.

    Very similar to Western Kentucky University's Management Utilities. Visicalc needed to run. You can get all of Western Kentucky University's Ag templates with more information for less money than buying all three Radio Shack template series.

TEACHERS NAME *David Duncan*

1. Program Name

   Agri-Nalysis

2. Vendor - Who developed/Suggestions on where to purchase.

   Apple Dealership

3. Cost - Close Estimate/Cost of backups.

   $100

4. Documentation - Coverage, Difficulty, etc.

   Need Visi-Calc spread sheet. The rest is self-explained. Must know Visi-Calc commands.

5. Program Description - What does it do?

   Calculate probable return.
   Compare cost of 2 crops.
   Calculate livestock needs.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   30 minutes

9. Program Requirements for Use - Equipment, Books, Materials.

   Knowledge of farming program. Apple II or IIe

10. Reviewer Comments - Information about backups, other.

    Need to have knowledge of Visi-calc. Work with Visi-calc spread sheet. Good for calculating probable returns.

TEACHERS NAME *David Duncan*

1. Program Name

   Farm Management Quiz

2. Vendor - Who developed/Suggestions on where to purchase.

   Hobart, Computer Market, Bowling Green

3. Cost - Close Estimate/Cost of backups.

   $29.95

4. Documentation - Coverage, Difficulty, etc.

   Self instruction

5. Program Description - What does it do?

   Will help enforce what has been taught.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   10 minutes

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple II, IIe, IIc

10. Reviewer Comments - Information about backups, other.

    Good for review or individual learning.

TEACHERS NAME *David Duncan*

1. Program Name

   Land Purchase

2. Vendor - Who developed/Suggestions on where to purchase.

   Hobart or Apple Dealership, Bowling Green (Computer Market)

3. Cost - Close Estimate/Cost of backups.

   $29.95

4. Documentation - Coverage, Difficulty, etc.

   Self instruction

5. Program Description - What does it do?

   Compare what one could affort to pay for land. Other material just as good.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   15 minutes

9. Program Requirements for Use - Equipment, Books, Materials.

   Money Management, Interest, Land Price -- Apple II, IIe, IIc

10. Reviewer Comments - Information about backups, other.

    Good to calculate land purchase. Good to compare land value of what one could afford to pay for land.

TEACHERS NAME *David Duncan*

1. Program Name

   Agri-Ledger

2. Vendor - Who developed/Suggestions on where to purchase.

   Agrisoft, Nebraska

3. Cost - Close Estimate/Cost of backups.

   $475

4. Documentation - Coverage, Difficulty, etc.

   Takes time and is difficult at first. Must have complete farm records.

5. Program Description - What does it do?

   Recordkeeping

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   12 and Adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   3-4 hours

9. Program Requirements for Use - Equipment, Books, Materials.

   Farm records needed.

10. Reviewer Comments - Information about backups, other.

    This program is excellent for farm management. Complete record system for adults. The program will keep your complete farm system. It is a record keeping system.

TEACHERS NAME *Arthur Green*

1. Program Name

   Types & Calculation of Depreciation

2. Vendor - Who developed/Suggestions on where to purchase.

   Hobar Publications, 1234 Tiller Lane, St. Paul, MN 55112, 612/633-3170

3. Cost - Close Estimate/Cost of backups.

   $39.50

4. Documentation - Coverage, Difficulty, etc.

   Load disk

5. Program Description - What does it do?

   Defining
   Methods
   Input
   Calculation

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   10, 11, 12, adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible. Better as individual.

8. Time required for teacher preparation - use.

   Minimal

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple

10. Reviewer Comments - Information about backups, other.

    Good for individual review and study.

TEACHERS NAME *Arthur Green*

1. Program Name

   Farm Management and Related Review (3 disk)

2. Vendor - Who developed/Suggestions on where to purchase.

   Hobar Publications, 1234 Tiller Lane, St. Paul, MN 55112, 612/633-3170

3. Cost - Close Estimate/Cost of backups.

   $79.50

4. Documentation - Coverage, Difficulty, etc.

   Load disk

5. Program Description - What does it do?

   Quiz on Records
   Tax Management
   Cash Flow
   Budgeting
   Organizing Farm Business
   Acquire Capital
   Leasing
   Laws
   Insurance
   Land Acquisition
   Basic Economics

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   11-12, adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible. Best as individual.

8. Time required for teacher preparation - use.

   Minimal

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple

10. Reviewer Comments - Information about backups, other.

    Good for individual study. Multiple choice until you answer correctly. Can add own file of questions.

TEACHERS NAME *Arthur Green*

1. Program Name - *Farmcalc Models (need visicalc)*

2. Vendor - Who developed/Suggestions on where to purchase. - *VEP, San Luis Obispu, California 93407, 800/235-4146, or local dealer*

3. Cost - Close Estimate/Cost of backups. - *$55*

4. Documentation - Coverage, Difficulty, etc. - *Need to know how to use visicalc*

5. Program Description - What does it do?

   Farm Budget, Cash Flow, Field Application, Grain Sensitivity, Livestock Gains, Price Sensitivity, Feeder Models - cattle, sheep, pigs

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *11-12, adult*

7. Suggestions for Use or Application - Group, Individual, etc. - *Both individual and group are possible.*

8. Time required for teacher preparation - use. - *minimal if already know visicalc*

9. Program Requirements for Use - Equipment, Books, Materials. - *Apple 64K only Need books or student information to provide data for program.*

10. Reviewer Comments - Information about backups, other.

    Sections on livestock gains and price sensitivity need detailed information. Would probably be better for individual use. There are better disks for farm budgets, cash flows, etc.

TEACHERS NAME *Arthur Green*

1. Program Name - *Ag Disk Business Management Visicalc Templates*

2. Vendor - Who developed/Suggestions on where to purchase. - *VEP (or local dealer)*
   San Luis Obispu, CA 93407
   800/235-4146

3. Cost - Close Estimate/Cost of backups. - *$95.00*

4. Documentation - Coverage, Difficulty, etc. - *Need to know how to use visicalc. Instructions and examples are available.*

5. Program Description - What does it do?

   Tax, depreciation, land purchase, business, credit line, installment, investment, payback, net present value

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *11-12, adult*

7. Suggestions for Use or Application - Group, Individual, etc. - *Both individual and group are possible.*

8. Time required for teacher preparation - use. - *minimal if already know visicalc*

9. Program Requirements for Use - Equipment, Books, Materials. - *Apple, IBM, need books or student information to provide data for program.*

10. Reviewer Comments - Information about backups, other.

    Good program for helping students use or understand business applications. Can be used for student individual efforts and the programs.

TEACHERS NAME *Arthur Green*

1. Program Name - *Visicalc*

2. Vendor - Who developed/Suggestions on where to purchase. - *Randolph Hale Hopkinsville, KY or local dealer*

3. Cost - Close Estimate/Cost of backups. - *$148*

4. Documentation - Coverage, Difficulty, etc.- *Book provides too much information. Better off to use Cedex Training for Visicalc.*

5. Program Description - What does it do? - *Spread sheet for placing data, can be used to design own forms for placing data.*

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *11-12, adult*

7. Suggestions for Use or Application - Group, Individual, etc. - *Both individual and group are possible. Probably need group instruction and then individual use.*

8. Time required for teacher preparation - use.- *If use Cedex Training for Visicalc, you need no extra time.*

9. Program Requirements for Use - Equipment, Books, Materials. - *Apple, IBM, Radio Shack, need templates with information or books for own data.*

10. Reviewer Comments - Information about backups, other.

Can be adapted for many production situations. Need Cedex Training for Visicalc. A program of this type is needed.

TEACHERS NAME *Bobby Gaffney*

1. **Program Name** - *Ag Pac*

2. **Vendor - Who developed/Suggestions on where to purchase.** - *The Agricultural Software Package -- Wisconsin Microware, One South Park Street, Suite 220, Madison, Wisconsin 53715 (608)255-9020*
3. **Cost - Close Estimate/Cost of backups.** - *$1,500 total package*

4. **Documentation - Coverage, Difficulty, etc.** - *You have to know a great deal about the area you live in.*

5. **Program Description - What does it do?**

   Real Estate Investment -- Investment Analysis, Lee's Formula, Population, Rent Escalator

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *12, Young Farmer, Adult*

7. Suggestions for Use or Application - Group, Individual, etc. - *Group & Individual*

8. Time required for teacher preparation - use. - *It takes a large amount of time to collect the data needed for this program -- but it is very worthwhile.*

9. Program Requirements for Use - Equipment, Books, Materials. - *County Inflation, Census Data, Price of Land, Uses, Crops, Livestock, Market*

10. Reviewer Comments - Information about backups, other.

    This program can be very worthwhile for a class of Young Farmers or adults who are considering buying or buy versus leasing. The program will show you if it is feasible to lease or buy a piece of ground and how all of this relates to buying or purchasing a farm.

TEACHERS NAME *Bobby Gaffney*

1. **Program Name** - *Ag Pac*

2. **Vendor - Who developed/Suggestions on where to purchase.** - *The Agricultural Software Package -- Wisconsin Microware, One South Park Street, Suite 220, Madison, Wisconsin 53715*
3. **Cost - Close Estimate/Cost of backups.** - *$1,500 for the total package (total exhibit)*

4. **Documentation - Coverage, Difficulty, etc.** - *This program takes a lot of time to go through and understand to be able to teach off of.*

5. **Program Description - What does it do?**

   Financial Management -- It goes into amortization payment, mortgages, appreciation rate, refinancing a mortgage, internal rate of return, all types of financing that you will encounter on a farm situation.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *12, Young Farmer, Adult*

7. Suggestions for Use or Application - Group, Individual, etc. - *Individual and possibly group*

8. Time required for teacher preparation - use. - *Great deal*

9. Program Requirements for Use - Equipment, Books, Materials.- *Reference material to become familiar with the terms*

10. Reviewer Comments - Information about backups, other.

    It is a very good financial management tool. You should spend many hours with the program to make sure you understand it first.

TEACHERS NAME *Pat Henderson*

1. Program Name - *Financial Management*

2. Vendor - Who developed/Suggestions on where to purchase. - *Harris Technical Systems*

3. Cost - Close Estimate/Cost of backups. - *$140*

4. Documentation - Coverage, Difficulty, etc. - *User friendly*

5. Program Description - What does it do?

   Includes Farm Profit Analysis, Depreciation Schedules, Land Purchase Analysis, Loan Cost Calculations, and Interest Income Calculations.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *11, 12, Young Farmer, Adult*

7. Suggestions for Use or Application - Group, Individual, etc. - *Group, Individual*

8. Time required for teacher preparation - use. - *Moderate*

9. Program Requirements for Use - Equipment, Books, Materials. - *Single Disk Drive*

10. Reviewer Comments - Information about backups, other.

    A good program for students. Has a sample or demo program built into each section.

TEACHERS NAME *Pat Henderson*

1. Program Name - *Farm Accounting Package with Enterprise Analysis, Budget, and Cash Flow Extensions*

2. Vendor - Who developed/Suggestions on where to purchase.

3. Cost - Close Estimate/Cost of backups. - *$1,050*

4. Documentation - Coverage, Difficulty, etc. - *Relatively difficult*

5. Program Description - What does it do?

   Includes a Master, Expense, and Ledger Disk in main package. This is a good computer assisted record system. The Extensions feed off the main package for enterprise analysis, budgeting, or cash flow purposes.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *12, Young Farmer, Adult*

7. Suggestions for Use or Application - Group, Individual, etc. - *Group, Individual*

8. Time required for teacher preparation - use. - *Considerable*

9. Program Requirements for Use - Equipment, Books, Materials. - *Double Disk Drive*

10. Reviewer Comments - Information about backups, other.

    A good system but we may not need this complex of a system in vo-ag programs. Better for an individual farmer.

TEACHERS NAME *Pat Henderson*

1. Program Name - *Vis Cal Templates - crops, livestock, horticulture, farm management*
2. Vendor - Who developed/Suggestions on where to purchase. - *WKU - Dr. McGuire*
3. Cost - Close Estimate/Cost of backups. - *$200*
4. Documentation - Coverage, Difficulty, etc. - *Moderate difficulty*
5. Program Description - What does it do?

   These programs overlay viscal to aid in cost/profit projections.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *11, 12, Young Farmer, Adult*
7. Suggestions for Use or Application - Group, Individual, etc. - *Group, Individual*
8. Time required for teacher preparation - use. - *Moderate*
9. Program Requirements for Use - Equipment, Books, Materials.- *Knowledge of viscal and current ag. prices, single disk drive*
10. Reviewer Comments - Information about backups, other.

    A very good program for farmers and students of agriculture.

TEACHERS NAME *Jon D. Hall*

1. Program Name
   Agri-Ledger
2. Vendor - Who developed/Suggestions on where to purchase.
   Small Business Computer Systems
3. Cost - Close Estimate/Cost of backups.
   Demo package for $30 applied to purchase price / 1 free backup
4. Documentation - Coverage, Difficulty, etc.
5. Program Description - What does it do?

   One accounting package with two masters, backup data disks, and cash flow templates, documentation in notebook.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?
   High school graduate
7. Suggestions for Use or Application - Group, Individual, etc.
   Individual learning only
8. Time required for teacher preparation - use.
9. Program Requirements for Use - Equipment, Books, Materials.
   Apple IIe and IIc
10. Reviewer Comments - Information about backups, other.

    This program would force farmers to keep good records. Would need considerable accounting knowledge to operate successfully. Very detailed reports available.

TEACHER'S NAME Russell Parsons

1. Program Name Agri/Com III

2. Vendor - Who developed/Suggestions on where to purchase.

Photocom Productions
P. O. Box 3135
Pismo Beach, CA 93449
1-800-321-7367

3. Cost - Close Estimate/Cost of backups. $200.00

4. Documentation - Coverage, Difficulty, etc.

Considerable assistance required
Clear, complete, concise, easily understood directions

5. Program Description - What does it do?

1. Teacher, 2. Tutorial, 3. Field Day, 4. Farm Records, 5. Cow/Calf, 6. Quiz Generator

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

9-12

7. Suggestions for Use or Application - Group, Individual, etc.

Both individual and group are possible

8. Time required for teacher preparation - use.

9. Program Requirements for Use - Equipment, Books, Materials.

Apple II or TRS-80

10. Reviewer Comments - Information about backups, other.

Generally teacher use. Programs developed by teacher can be used by students individually or in groups.

TEACHER'S NAME Russell Parsons

1. Program Name Farm Management Utilities Template

2. Vendor - Who developed/Suggestions on where to purchase.

   Dr. James McGuire
   Western KY University Agri. Dept.
   Bowling Green, KY 42101
   502/745-3151

3. Cost - Close Estimate/Cost of backups. $60.00

4. Documentation - Coverage, Difficulty, etc.

   Considerable assistance required, examples depict content

5. Program Description - What does it do?

   Crop and Livestock Budgets

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12 and adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible

8. Time required for teacher preparation - use.

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple II

10. Reviewer Comments - Information about backups, other.

    Material (budgets) can be changed to "what if" situations. Good for adults as well as high school students.

TEACHER'S NAME Larry Lynch

1. Program Name Agridata - News Reporting Service

2. Vendor - Who developed/Suggestions on where to purchase.

   Agridata Resources, Inc.
   205 West Highland Avenue
   Milwaukee, WI 53203
   414/278-7676

3. Cost - Close Estimate/Cost of backups. $300.00, Hookup - $25.00/hour connect time. (Some individual reports have a minimal cost)

4. Documentation - Coverage, Difficulty, etc.

   Must contact Agridata Resources where you will be assigned a security code number and password. A set procedure is set up and is easy to follow to get connected to the terminal.

5. Program Description - What does it do?

   News Reporting Service - Able to receive reports from all over the world. Strategy from Top Farmer and Doanes on Crops and Livestock. Chicago Board of Trade Commodity Prices - updated every 10-15 minutes. USDA Reports, National/Regional/Local Weather Reports, Reports on Brazil/China/USSR and other worldwide countries about weather and crop production. Hundreds of reports are available. Ag lesson plans can be placed on the service.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   Recommended for adult and young farmer classes. It may be used with 11-12 grade farm management classes in marketing and crop and livestock production.

7. Suggestions for Use or Application - Group, Individual, etc.

   May be used to determine market situations. Gives farmers a clue to what is happening around the world and may suggest when to sell or forward contract commodities. Farm management classes may use the service as a group to study the movement of prices, determine present grain stocks, etc. Groups or individuals can make use of this program.

8. Time required for teacher preparation - use. In the beginning 2-3 hours are needed to get acquainted with getting connected to the reporting terminal plus studying through/use many reports available. After this initial study, only a few minutes is needed each time to get hooked on line.

9. Program Requirements for Use - Equipment, Books, Materials.

Computer (64K), Printer, Telephone Modem, Telephone and Telephone Jack. A daisy wheel printer will not print charts which are available. A users manual furnished by the program is necessary for instruction. It is fairly easy to understand but requires some study.

10. Reviewer Comments - Information about backups, other.

If you plan to use a reporting service such as Pro-Farmer, Doanes, etc., this program is very valuable. It is designed to meet the needs of adults better than high school, but 11-12 graders can use it to become acquainted with for use after high school. It is fairly expensive.

TEACHER'S NAME Larry Lynch

1. Program Name Agristar or Agridata

2. Vendor - Who developed/Suggestions on where to purchase.

   Agri Data Resources, Inc.
   205 West Highland Avenue
   Milwaukee, WI 53203
   414/278-7676

3. Cost - Close Estimate/Cost of backups.

4. Documentation - Coverage, Difficulty, etc.

   Readable, examples depict content, considerable teacher assistance required

5. Program Description - What does it do?

   USDA Reports; Top Farmer Strategy; Doanes Strategy; Chicago Board of Trade Commodities Prices; USDA Stocks Report; National, Local & World Weather and hundreds of other reports

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   10-12 and adults

7. Suggestions for Use or Application - Group, Individual, etc.

   Adult teachers could definitely use this in their instructional program. Reports are for all commodities, so it would benefit anyone interested in this type material. Both individual and group are possible.

8. Time required for teacher preparation - use.

9. Program Requirements for Use - Equipment, Books, Materials.

   Telephone Modem is needed, TRS-80 Model III or IV

10. Reviewer Comments - Information about backups, other.

TEACHER'S NAME Larry Lynch

1. Program Name Advance Visicalc

2. Vendor - Who developed/Suggestions on where to purchase.

   Radio Shack
   Paducah, KY 42001

3. Cost - Close Estimate/Cost of backups. $200.00

4. Documentation - Coverage, Difficulty, etc.

   If you follow through the user's manual, it is easy to follow.

5. Program Description - What does it do?

   May be used for a variety of subjects which the user determines what they want on the program--Crop, Livestock budgets, etc.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   11-12 and adult

7. Suggestions for Use or Application - Group, Individual, etc.

   This program is necessary for a computer user who needs to determine their own program. It can be adapted to many uses. Both individual and group are possible.

8. Time required for teacher preparation - use. Several days would be necessary to become completely acquainted with this program; however, 7-8 hours would be necessary to get a single program set up. This program displays a wide variety of uses so it is necessary for any computer class.

9. Program Requirements for Use - Equipment, Books, Materials.

   It requires a computer, TRS-80 Model III or IV, 64K or higher with 2 disk drives, printer, and users manual

10. Reviewer Comments - Information about backups, other.

TEACHER'S NAME Larry Lynch

1. Program Name Profile Plus

2. Vendor - Who developed/Suggestions on where to purchase.

   Radio Shack
   Paducah, KY 42001

3. Cost - Close Estimate/Cost of backups. $200.00

4. Documentation - Coverage, Difficulty, etc.

   Clear, complete, concise (easily understood), readable, under user's control (operator advances at his/her option), examples depict content. Considerable teacher assistance required.

5. Program Description - What does it do?

   May be adapted to many uses. The Profile Plus will perform mathimatical problems which the older profile programs will not.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   11-12 and adults

7. Suggestions for Use or Application - Group, Individual, etc.

   This program may be adapted to many uses especially for crop records, livestock, and field records. Both individual and group are possible.

8. Time required for teacher preparation - use. Several days would be necessary to become completely acquainted with the program; however, 7-8 hours would be necessary to get started with a program for a single record such as developing a field record. This program has so many uses it is necessary for most programs.

9. Program Requirements for Use - Equipment, Books, Materials.

   TRS-80 Model III or IV (64K or higher with 2 disk drives), printer, and users manual are necessary.

10. Reviewer Comments - Information about backups, other.

    A backup copy may be made free of charge.

TEACHERS NAME *Phil Rudolph*

1. Program Name
   Herbicides and Insecticides Selection Guide
2. Vendor - Who developed/Suggestions on where to purchase.
   Successful Farming Management Software -- Locust at 17th, Des Moines, Iowa 515/284-2385
3. Cost - Close Estimate/Cost of backups.

   $175 does not include backup
4. Documentation - Coverage, Difficulty, etc.

   It is a complete program that may be added to or items taken out - simple to use.
5. Program Description - What does it do?

   It identifies the problem weeds and insects in our crops and lists the possible treatments. Items may be looked up by crop or by problem area (weed). It gives probable cost of treatment at various rates of application.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-adult
7. Suggestions for Use or Application - Group, Individual, etc.
   Best suited for small group or individual use but could be used as a group as well, especially with young and adult farmers.
8. Time required for teacher preparation - use.
   Very little this year - however, as new chemicals are developed and prices change, these will have to be added to the program requiring more time.
9. Program Requirements for Use - Equipment, Books, Materials.

   Program manuals
10. Reviewer Comments - Information about backups, other.

    Good program for use in areas with large amounts of production agriculture. Probably best suited for areas with a large amount of crop production.

TEACHERS NAME *Phil Rudolph*

1. Program Name

   Crop Utilities

2. Vendor - Who developed/Suggestions on where to purchase.

   Agri-Farm Publications, Box 43, Gowrier, Iowa 50543

3. Cost - Close Estimate/Cost of backups.

   $49.95

4. Documentation - Coverage, Difficulty, etc.

5. Program Description - What does it do?

   Corn Loss Report
   Corn Combine Adjustments
   Corn Calculated Yield
   Corn Yield Estimator
   Soybean Loss Report
   Soybean Crop Adjustments
   Grain Yield Calculator
   Plant Population Estimate
   Field Sprayer Calibrator
   Granular Application Calibrator

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   11-Adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both - best suited in most cases for individual

8. Time required for teacher preparation - use.

9. Program Requirements for Use - Equipment, Books, Materials.

10. Reviewer Comments - Information about backups, other.

    Must have good record information for input.

TEACHERS NAME *John Lacy*

1. Program Name
   Ag Disk - Corn/Soybean Management Series One
2. Vendor - Who developed/Suggestions on where to purchase.
   Harris Technical Systems, 624 Peach Street, P. O. Box 80837
   Lincoln, NE 68501 402/476-2811
3. Cost - Close Estimate/Cost of backups.
4. Documentation - Coverage, Difficulty, etc.
5. Program Description - What does it do?

   Grain storage decisions
   Harvest loss calculations
   Crop yield calculator
   Field populations calculator
   Planter calibration calculator

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?
   Jr. or Sr. level in high school - adults
7. Suggestions for Use or Application - Group, Individual, etc.
8. Time required for teacher preparation - use.
9. Program Requirements for Use - Equipment, Books, Materials.
   Apple II and 1 disk drive
10. Reviewer Comments - Information about backups, other.

    Reports give a complete record of analysis of storage costs. Calculators are very educational in the finding of and calculating of information about crops. A very useful program in cash grain producing areas.

TEACHERS NAME *Jerry Coleman*

1. Program Name

   Corn/Soybean Management Series I

2. Vendor - Who developed/Suggestions on where to purchase.

   Radio Shack

3. Cost - Close Estimate/Cost of backups.

   $99.95

4. Documentation - Coverage, Difficulty, etc.

   Insert program into drive 0 & punch-in code (manual) & select program

5. Program Description - What does it do?

   Grain Storage Decisions
   **Corn Harvest Loss Calculations*
   Soybean Harvest Loss
   Crop Yield Calculator
   Field Population Calculator
   Planter Calibration Calculator

   **good*

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12 & adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible

8. Time required for teacher preparation - use.

   1-2 hours at first, then 15-20 minutes

9. Program Requirements for Use - Equipment, Books, Materials.

   TRS 80 Model III (can be used on IV)

10. Reviewer Comments - Information about backups, other.

    Excellent program. Provides demonstrations on each area and easy to follow instructions. Good for 10, 11, and 12 graders.

TEACHERS NAME *Jerry Coleman*

1. Program Name

   Crop Budgets Template

2. Vendor - Who developed/Suggestions on where to purchase.
   Western KY University Ag. Department, Bowling Green, KY 42101
   % James McGuire, Professor 502/745-3151
3. Cost - Close Estimate/Cost of backups.

   $50

4. Documentation - Coverage, Difficulty, etc.

5. Program Description - What does it do?

   Contains many different kinds of crop budgets used in working in farm management or just studying individual crop enterprizes.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   10, 11, 12, and adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   1-2 hours

9. Program Requirements for Use - Equipment, Books, Materials.
   TRS 80 Model I, III (III can be used on Model IV) May need up-to-date price list and fertilizer prices, etc. Visicalc Program
10. Reviewer Comments - Information about backups, other.

    I would recommend this program in studying any type of crop enterprize as it gives you a complete picture of all the different things involved in a crop project. Can also be used on an individual basis.

TEACHERS NAME *David Duncan*

1. Program Name

   Crop Management Quiz

2. Vendor - Who developed/Suggestions on where to purchase.

   Apple Dealership or Hobart, Bowling Green (Computer Market)

3. Cost - Close Estimate/Cost of backups.

   $29.95

4. Documentation - Coverage, Difficulty, etc.

   Self-explained, self instruction

5. Program Description - What does it do?

   Give test and review crop management

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible

8. Time required for teacher preparation - use.

   30 minutes

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple II, Apple IIe, or IIc

10. Reviewer Comments - Information about backups, other.

    Good for reviewing crop management.
    Good for re-enforcing what the teacher has taught.

TEACHERS NAME *Arthur Green*

1. Program Name

   Field Inventory

2. Vendor - Who developed/Suggestions on where to purchase.

   Freds Micro-Ware, Box 162, Route 1, Amboy, MN 56010, 507/674-3068

3. Cost - Close Estimate/Cost of backups.

   $24.95 Cost today -- $49.95

4. Documentation - Coverage, Difficulty, etc.

   Book easily explains use.

5. Program Description - What does it do?

   Prepare field files, will print and find crop, fields, yields for crops.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12, Adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible. Best as individual.

8. Time required for teacher preparation - use.

   ½ hour

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple, TRS-80, IBM

10. Reviewer Comments - Information about backups, other.

    This enables you to collect field data and see a print out by field, year, crop or yield. Very easy to use.

TEACHERS NAME *Arthur Green*

1. Program Name

   Crop Budget Template for Visicalc

2. Vendor - Who developed/Suggestions on where to purchase.

   Western KY University Agriculture Department, Dr. McGuire

3. Cost - Close Estimate/Cost of backups.

   $199.95

4. Documentation - Coverage, Difficulty, etc.

   Need to know how to use Visicalc

5. Program Description - What does it do?

   Contains budget information on crops that can be adjusted to reflect own cost.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   High school and adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   None if know Visicalc.

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple IIe -- May want current crop production figures.

10. Reviewer Comments - Information about backups, other.

    Need this type of diskette for use with Visicalc.

TEACHERS NAME *Arthur Green*

1. Program Name - *Weed Control in Soybeans*

2. Vendor - Who developed/Suggestions on where to purchase. - *Agr-Education, Inc.*
   815 Shakespeare
   Stratford, Iowa 50249

3. Cost - Close Estimate/Cost of backups. - *?*

4. Documentation - Coverage, Difficulty, etc. - *This includes book with overlays, explanations, and suggested use.*

5. Program Description - What does it do? - *Word search, weed control, weed control program. This diskette is with the soybean production unit.*

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *10-12 and adult*

7. Suggestions for Use or Application - Group, Individual, etc. - *Both individual and group are possible. Group discussion with soybean unit and individual used for the diskette.*

8. Time required for teacher preparation - use. - *1/2 hour or less*

9. Program Requirements for Use - Equipment, Books, Materials. - *Apple II, II+, IIe, III, Need 48K -- book provides information*

10. Reviewer Comments - Information about backups, other.

    Software with soybean production lesson plan provided by BASF and ASA. Is a good unit to use and the software provides reinforcement of the unit.

TEACHERS NAME *Bobby Gaffney*

1. **Program Name** - *Ag Pac*

2. **Vendor - Who developed/Suggestions on where to purchase.** - *The Agricultural Software Package -- Wisconsin Microware, One South Park Street, Suite 220, Madison, Wisconsin 53715*
3. **Cost - Close Estimate/Cost of backups.** - *$1,500 total packet*

4. **Documentation - Coverage, Difficulty, etc.** - *These programs are time consuming and take time to understand in order to teach off of.*

5. **Program Description - What does it do?**

   Crops & Marketing -- Profit matrix, pricing grain, crop share rent, trucking grain, hedging, trading, shrink, spreads, and blending corn

6. **Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?** - *12, Young Farmer, Adult*

7. **Suggestions for Use or Application - Group, Individual, etc.** - *Group & Individual*

8. **Time required for teacher preparation - use.** - *A large amount of time should be used on these programs.*

9. **Program Requirements for Use - Equipment, Books, Materials.** - *Use material that you can become familiar with the terms.*

10. **Reviewer Comments - Information about backups, other.**

    This is a good crop program. Like any other program, you should spend a great deal of time making sure you know all the terms and what you can do with them.

TEACHERS NAME *Pat Henderson*

1. Program Name - *Corn/Soybean Management*

2. Vendor - Who developed/Suggestions on where to purchase. - *Harris Technical Systems*

3. Cost - Close Estimate/Cost of backups. - *$140*

4. Documentation - Coverage, Difficulty, etc. - *User friendly*

5. Program Description - What does it do?

   Includes: Grain Storage Decisions, Harvest Loss Calculations for Corn or Beans, Crop Yield Calculator, Field Population Calculator, and Planter Calibration.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *11, 12, Young Farmer, Adult*

7. Suggestions for Use or Application - Group, Individual, etc. - *Group, Individual*

8. Time required for teacher preparation - use. - *Moderate*

9. Program Requirements for Use - Equipment, Books, Materials.- *Single Disk Drive*

10. Reviewer Comments - Information about backups, other.

    A good program for high school students. Has a sample demo for each section. I especially like the variety of crop decisions in this program.

TEACHER'S NAME Russell Parsons

1. Program Name Herbicide Selection Guide/Insecticide Selection Guide

2. Vendor - Who developed/Suggestions on where to purchase.

   Successful Farming
   Locust at 17th
   Des Moines, IA 50336
   515/284-2053

3. Cost - Close Estimate/Cost of backups. $225.00, backup copies permitted with purchase

4. Documentation - Coverage, Difficulty, etc.

   Clear, complete, concise, easily understood, little assistance required

5. Program Description - What does it do?

   This is two separate programs. One on herbicides and the other on pesticides. Both are for corn and soybeans. Create field histories, soil type, etc. List of pesticides and prices which can be updated. Printout of cost per acre/per field.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   10, 11, and 12 grades and adults

7. Suggestions for Use or Application - Group, Individual, etc.

   Individual learning only

8. Time required for teacher preparation - use.

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple II

10. Reviewer Comments - Information about backups, other.

    Rather expensive.

TZACHER'S NAME Larry Lynch

1. Program Name Crop Budgets

2. Vendor - Who developed/Suggestions on where to purchase.

   Western KY University
   Bowling Green, KY 42101

3. Cost - Close Estimate/Cost of backups. $50.00

4. Documentation - Coverage, Difficulty, etc.

   Readable, under user's control (operator advances at his/her option) little assistance required

5. Program Description - What does it do?

   Determine cost of producing several farm crops

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   10-12 and adults

7. Suggestions for Use or Application - Group, Individual, etc.

   Program used for farm management problems - Crop Production. May be used with 10-12 grade students and adults. Both individual and group are possible.

8. Time required for teacher preparation - use. 2-3 hours would be necessary to get started with this program. To work out examples for each crop would require another 1-2 hours each.

9. Program Requirements for Use - Equipment, Books, Materials.

   A computer, TRS-80 Model III or IV (64K) or higher with 2 disk drives, printer and instruction sheet

10. Reviewer Comments - Information about backups, other.

    This is a good example of how the visicalc program may be adapted for an individual's use.

TEACHERS NAME *George Morgan*

1. Program Name

   Mixit I

2. Vendor - Who developed/Suggestions on where to purchase.

   Agricultural Software Consultants, 1706 Santa Fe, Kingsville TX 78363
   Bought thru: Computor Age, 920 Frederica, Owensboro, KY 42301 502/926-6060

3. Cost - Close Estimate/Cost of backups.

   Thru Computor Age of Owensboro less school discount -- $156.25

4. Documentation - Coverage, Difficulty, etc.

   Load program, select feed program, very difficult for high school

5. Program Description - What does it do?

   Ration evaluation and building
   Feed Mixing
   Feed Analysis, etc.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   10-12, adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Individual learning only

8. Time required for teacher preparation - use.

   4-5 hours, maybe more to figure out complete program

9. Program Requirements for Use - Equipment, Books, Materials.

   TRSDOS Model I, III, will run on Model IV

10. Reviewer Comments - Information about backups, other.

    Very good program, but also very difficult to use. Need knowledge of feed rations and livestock information. Lots of math work.

TEACHERS NAME *Jerry Coleman*

1. Program Name
   Ag Disk -- Feedlot Cattle Management -- Visi Calc Template
2. Vendor - Who developed/Suggestions on where to purchase.
   Radio Shack
3. Cost - Close Estimate/Cost of backups.

   $69.95
4. Documentation - Coverage, Difficulty, etc.
   Load program, punch in code, and select desired program.
5. Program Description - What does it do?

   Feeder Cattle
   Higher Grade Cattle
   Steer Marketing
   Carcass Evaluation
   Cattle Net Energy
   MP and UFP
   Protein Supplement
   Ration Formulation
   Metabolizable Protein
   Urea Fermentation Potential
6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?
   All high school grades and adults
7. Suggestions for Use or Application - Group, Individual, etc.
   Both individual and group are possible.
8. Time required for teacher preparation - use.
   Very little, ½ hour then later 15-20 minutes after knowledge of program.
9. Program Requirements for Use - Equipment, Books, Materials.

   TRS 80 Model III, will run on Model IV
10. Reviewer Comments - Information about backups, other.

    Student will have to have a good knowledge of instructional components to be able to enter data in this program. Visi Calc needed to run this program. Mainly a decision aid.

TEACHERS NAME *George Morgan*

1. Program Name

   Ag Disk Cow-Calf Management

2. Vendor - Who developed/Suggestions on where to purchase.

   Radio Shack

3. Cost - Close Estimate/Cost of backups.

   $69.95

4. Documentation - Coverage, Difficulty, etc.

   Very easy to load, punch in code, select program

5. Program Description - What does it do?

   Beef Cow-Calf
   Cattle Weaning
   Yearling Weight
   Bull Test Records
   Gestation Calendar Template
   MP add UFP
   Ration Formulation

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   High school and adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   Easy to use after 1/2 hour study time, 15 minutes

9. Program Requirements for Use - Equipment, Books, Materials.

   TRS 80 Model III, will run on Model IV
   Material supporting instruction components, Visicalc

10. Reviewer Comments - Information about backups, other.

    These templates are specialized. Students may have difficulty interpreting the materials which read out. An adult class could benefit from this set of templates.

TEACHERS NAME *Jerry Coleman*

1. Program Name

   Livestock Budgets Templates

2. Vendor - Who developed/Suggestions on where to purchase.

   Western KY University Ag. Department, Bowling Green, KY 42101 %Dr. James McGuire 502/745-3151

3. Cost - Close Estimate/Cost of backups.

   $50

4. Documentation - Coverage, Difficulty, etc.

   Load Visicalc in Drive 0, Livestock Budget in Drive 1, press (/SL) for desired program to review.

5. Program Description - What does it do?

   All different kinds of livestock budgets with good examples of each, also has summary.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   10, 11, 12, and adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   1-2 hours

9. Program Requirements for Use - Equipment, Books, Materials.

   Need up-to-date information on feed exp., etc., Visicalc Program, TRS 80 Model I, III, and can use III on Model IV.

10. Reviewer Comments - Information about backups, other.

    Very good livestock program. Has a variety of budgets that are adopted to our area. May make changes if needed and computer makes the rest of the changes for you.

TEACHERS NAME *Bobby Gaffney*

1. Program Name - *Ag Pac*

2. Vendor - Who developed/Suggestions on where to purchase. - *The Agricultural Software Package -- Wisconsin Microware, One South Park Street, Suite 220, Madison, Wisconsin 53715 (608)255-9020*
3. Cost - Close Estimate/Cost of backups. - *$1,500/Total package*

4. Documentation - Coverage, Difficulty, etc. - *This program takes a lot of time and is fairly difficult*

5. Program Description - What does it do?

   Livestock Enterprises -- Beef

   Rations
   Pregnant Cows
   Feeders

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *12, Young Farmer, Adult*

7. Suggestions for Use or Application - Group, Individual, etc. - *Group & Individual*

8. Time required for teacher preparation - use. - *You have to know feed rations and be very familiar with a beef cattle program. It does require a lot of time.*
9. Program Requirements for Use - Equipment, Books, Materials. - *You should know or have a lot of knowledge of beef cattle and how to work rations.*

10. Reviewer Comments - Information about backups, other.

    I like the beef cattle program. It is very thorough and can be used to show many different kinds of rations and outcomes of each.

TEACHERS NAME *Pat Henderson*

1. Program Name - *Swine Management*

2. Vendor - Who developed/Suggestions on where to purchase. - *Harris Technical Systems*

3. Cost - Close Estimate/Cost of backups. - *$140*

4. Documentation - Coverage, Difficulty, etc. - *User friendly*

5. Program Description - What does it do?

   Includes: Swine Ration Analysis, Feeder Pig Analysis, Hog Selling Decisions and Sow Productivity Calculator

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *11, 12, Young Farmer, Adult*

7. Suggestions for Use or Application - Group, Individual, etc. - *Group, Individual*

8. Time required for teacher preparation - use. - *Moderate*

9. Program Requirements for Use - Equipment, Books, Materials. - *Single Disk Drive*

10. Reviewer Comments - Information about backups, other.

    A good aid for the swine producer. Has a demo for each section built in. I especially like the ration analysis section.

TEACHERS NAME *Pat Henderson*

1. Program Name - *Swine Record Keeping*

2. Vendor - Who developed/Suggestions on where to purchase. - *Harris Technical Systems*

3. Cost - Close Estimate/Cost of backups. - *$600*

4. Documentation - Coverage, Difficulty, etc.

5. Program Description - What does it do?

   Includes a Master, Data and Reports, and Worksheets disk. Sets up weekly worksheets, utilizes bar graphs or printed reports.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *11, 12, Young Farmer, Adult*

7. Suggestions for Use or Application - Group, Individual, etc.

8. Time required for teacher preparation - use. - *Considerable preparation required.*

9. Program Requirements for Use - Equipment, Books, Materials. - *Double disk drive required.*

10. Reviewer Comments - Information about backups, other.

    More useful for a swine producer who can utilize his figures than for a vo-ag program. A useful program for a swine producer. Considerable value in students becoming acquainted with a computer record system.

TEACHER'S NAME Russell Parsons

1. Program Name Dairy Herd Manager

2. Vendor - Who developed/Suggestions on where to purchase.

   Cherrygarth Farms Software, Inc.
   101 South Dewey Street
   Auburn, IN 46705
   219/925-1093

3. Cost - Close Estimate/Cost of backups. $29.95

4. Documentation - Coverage, Difficulty, etc.

   Not too clear, complete
   Considerable assistance required

5. Program Description - What does it do?

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   11-12 and adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible

8. Time required for teacher preparation - use.

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple II

10. Reviewer Comments - Information about backups, other.

    This is not too good a program, difficult to use. Requires regular updated information, probably monthly.

TEACHER'S NAME Russell Parsons

1. Program Name Dairy Production Records

2. Vendor - Who developed/Suggestions on where to purchase.

   Cherrygarth Farms Software, Inc.
   101 South Dewey Street
   Auburn, IN 46705
   219/925-1093

3. Cost - Close Estimate/Cost of backups. $49.50

4. Documentation - Coverage, Difficulty, etc.

   Operator advances at his/her option, considerable teacher assistance required

5. Program Description - What does it do?

   Keeping production, health, breeding records monthly, annually - prints

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   11-12 and adults

7. Suggestions for Use or Application - Group, Individual, etc.

   Individual learning only

8. Time required for teacher preparation - use.

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple II or IIe

10. Reviewer Comments - Information about backups, other.

    Requires a lot of time to keep updated.

TEACHER'S NAME Larry Lynch

1. Program Name Livestock Budgets

2. Vendor - Who developed/Suggestions on where to purchase.

   Western KY University
   Bowling Green, KY 42101

3. Cost - Close Estimate/Cost of backups. $50.00

4. Documentation - Coverage, Difficulty, etc.

   Readable, under user's control (operator advances at his/her option), examples depict content, considerable teacher assistance required.

5. Program Description - What does it do?

   Determine cost of producing several types of livestock. You must have a working knowledge of livestock cost.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   10-12 and adults

7. Suggestions for Use or Application - Group, Individual, etc.

   This program could be used with 10-12 grade students in livestock production or farm management. It could be used with adults, especially on a one on one basis. Both individual and group are possible.

8. Time required for teacher preparation - use. 2-3 hours would be necessary to get started with this program. To work out examples for each class of livestock would require another 1-2 horus each.

9. Program Requirements for Use - Equipment, Books, Materials.

   Requires a computer, TRS-80 Model III or IV, 64K or higher and printer along with instructions.

10. Reviewer Comments - Information about backups, other.

    You need a fair knowledge of livestock production to work this program.

TEACHERS NAME *Doug Southworth*

1. Program Name

   "Leaves" - Internal & External Structure

2. Vendor - Who developed/Suggestions on where to purchase.
   Ideal School Supply Company, 1100 South Lavergne Avenue, Oak Lawn, IL 60453

3. Cost - Close Estimate/Cost of backups.

   $50.00 / back up provided

4. Documentation - Coverage, Difficulty, etc. - *Very clearly written, easily read and understood. Written in a straight forward manner, in non-technical terms.*

5. Program Description - What does it do?

   Looks into internal and external parts of leaves, their location, function, use, etc. Provides for keyboard review, reference, a dictionary of terms, spelling. It also provides three formats for quizzing knowledge of student and stores grades as well as prints them.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12 grade

7. Suggestions for Use or Application - Group, Individual, etc.
   Use as a supplement to basic science unit/as a means of providing extra credit work or a pretest.

8. Time required for teacher preparation - use.

   1 hour maximum

9. Program Requirements for Use - Equipment, Books, Materials.
   Apple II, IIe, III in emulation
   48K, 1 disc drive, printer optional

10. Reviewer Comments - Information about backups, other.

    An excellent program. Allows for student review, final exam, will print results of exam in three formats, one of which picks out areas of review needed.

TEACHERS NAME *Doug Southworth*

1. Program Name

   Computer Augmented Plant Selector

2. Vendor - Who developed/Suggestions on where to purchase.
   Terisan, Pautz Road, P. O. Box 286, Maribel, Wisconsin 54227
   414-863-8433
3. Cost - Close Estimate/Cost of backups.

   $375.00

4. Documentation - Coverage, Difficulty, etc.
   Instructions are fairly easily read, with some knowledge of computer use assumed. With a little time, it can be managed nicely by the instructor.
5. Program Description - What does it do?

   Plant (ornamental) characteristics, plant selection for particular locations, individual plant information: Based on variables inputted (ph, location, type plant desired) it selects a group of plants that will be suitable for the location.

   It would be a little difficult for students' use.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   11-12

7. Suggestions for Use or Application - Group, Individual, etc.
   Both individual and group are possible. Would lend itself best to individual or at best very small group use. Would be great for a class in landscaping.
8. Time required for teacher preparation - use.

   A teacher could be adequately prepared with 1-2 hours use.

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple III, Ia, IIe version is available for machines w/128K 2 disk drives, printer optional

   128K minimum for III or IIe

10. Reviewer Comments - Information about backups, other.

    Useful for classes involved with landscape design, plant selection, etc. Has limited value for plant requirements (individual as such).

TEACHERS NAME *Doug Southworth*

1. Program Name

   Plant Competition (CMPETE)

2. Vendor - Who developed/Suggestions on where to purchase.

   Conduit, P. O. Box 388, Iowa City, Iowa 52244
   319/353-5789

3. Cost - Close Estimate/Cost of backups.

   $70

4. Documentation - Coverage, Difficulty, etc.

   Documentation is very difficult to read and comprehend. It is written to a user (accomplished) of computers and assumes one knows how to use it. It also assumes one has a great storehouse of knowledge on plant science. Very tough to get a handle on.

5. Program Description - What does it do?

   Using a graph, the program shows the effects on plant growth as measured by dry weight (gms/kg?) and interaction with plant population, types of plants, width, etc.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   12th -- advanced students only

7. Suggestions for Use or Application - Group, Individual, etc.

   For use with very advanced students -- not readily useable for vo-ag students.

8. Time required for teacher preparation - use.

   2 hours

9. Program Requirements for Use - Equipment, Books, Materials.

   48K, 1 disk drive

10. Reviewer Comments - Information about backups, other.

    No suitable for wide use in agriculture. A very limited application.

TEACHERS NAME *Jerry Coleman*

1. Program Name

   Horticulture Budgets (templates)

2. Vendor - Who developed/Suggestions on where to purchase.

   Western Kentucky University Ag. Department, Bowling Green, KY 42101
   % James McGuire 502/745-3151

3. Cost - Close Estimate/Cost of backups.

   $50

4. Documentation - Coverage, Difficulty, etc.

   Load Visicalc into computer, load

5. Program Description - What does it do?

   Has a variety of budgets prepared for different kinds of vegetables and plants, also has a summary.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   11, 12, and adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   1-2 hours at first

9. Program Requirements for Use - Equipment, Books, Materials.

   TRS 80 I & II (III may be used on Model IV)
   Visicalc program & up-to-date price sheets

10. Reviewer Comments - Information about backups, other.

    I would recommend this program for any horticulture department and should be used for individual projects as well as group.

TEACHERS NAME *Jim Wilds*

1. Program Name - *Plant Growth*

2. Vendor - Who developed/Suggestions on where to purchase. - *Doug Southworth & IBM*

3. Cost - Close Estimate/Cost of backups. - *$69.95 -- $10.00 if order from Classroom Consortia Media, Inc.*

4. Documentation - Coverage, Difficulty, etc. - *Covers the subject very well -- easy to understand.*

5. Program Description - What does it do?

   Spectacular color graphics and simulations illustrate the physiology of growth from seed to plant. Students study hormone control, feedback mechanisms, transport, and differentiation. They interpret graphs and receive extensive drill and practice as they learn.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *11, 12*

7. Suggestions for Use or Application - Group, Individual, etc. - *Group & Individual*

8. Time required for teacher preparation - use. - *3 1/2 hours*

9. Program Requirements for Use - Equipment, Books, Materials. - *IBM PC -- If single-sided drive, you will need a drive A and drive B or a double-sided drive will read from both sides.*

10. Reviewer Comments - Information about backups, other.

    This is an excellent program for students in horticulture. The instructor's guide does a good job of listing the operating instructions, instructional objectives, program sequence, time schedule, reinforcement activities, educational features, and a test.

TEACHERS NAME *Jim Wilds*

1. Program Name - *Leaf: Structure and Function*

2. Vendor - Who developed/Suggestions on where to purchase. - *Doug Southworth & IBM*

3. Cost - Close Estimate/Cost of backups. - *$69.95 -- $10.00 if order from Classroom Consortia Media, Inc.*

4. Documentation - Coverage, Difficulty, etc. - *Covers the subject very well -- easy to understand.*

5. Program Description - What does it do?

   Spectacular color graphics illustrate the anatomy and physiology of the leaf. Students explore the role of the leaf as the "chemical factory" of the plant. Challenging simulations in which students can alter variables, provide exciting feedback.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *11, 12*

7. Suggestions for Use or Application - Group, Individual, etc. - *Group & Individual*

8. Time required for teacher preparation - use. - *4 hours*

9. Program Requirements for Use - Equipment, Books, Materials. - *IBM PC -- If single-sided drive, you will need a drive A and drive B or a double-sided will read from both sides.*

10. Reviewer Comments - Information about backups, other.

    This is an excellent program for students in horticulture. The instructor's guide does a good job of listing the operating instructions, instructional objectives, program sequence, time schedule, reinforcement activities, educational features, and a test.

TEACHERS NAME *Jim Wilds*

1. **Program Name** - *Passive Transport*

2. **Vendor - Who developed/Suggestions on where to purchase.** - *Doug Southworth & IBM*

3. **Cost - Close Estimate/Cost of backups.** - *$69.95 - $10.00 if order from Classroom Consortia Media, Inc.*

4. **Documentation - Coverage, Difficulty, etc.** - *Covers the subject very well -- easy to understand.*

5. **Program Description - What does it do?**

   Exciting graphics and real-time animated simulations illustrate the processes of diffusions and osmosis. The inquiry approach helps students discover the concepts that are basic to understanding these crucial processes. Students analyze graphs and receive extensive feedback as they learn.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *11, 12*

7. Suggestions for Use or Application - Group, Individual, etc. - *Group & Individual*

8. Time required for teacher preparation - use. - *4 to 5 hours*

9. Program Requirements for Use - Equipment, Books, Materials. - *IBM PC -- If single-sided drive, you will need a drive A and drive B or a double-sided drive will read from both sides.*

10. Reviewer Comments - Information about backups, other.

    This is an excellent program for students in horticulture. The instructor's guide does a good job of listing the operating instructions, instructional objectives, program sequence, time schedule, reinforcement activities, educational features and a test.

TEACHERS NAME *Jim Wilds*

1. Program Name - *Cell Growth & Mitosis*

2. Vendor - Who developed/Suggestions on where to purchase. - *Doug Southworth & IBM*

3. Cost - Close Estimate/Cost of backups. - *$69.95 - $10.00 if order from Classroom Consortia Media, Inc.*

4. Documentation - Coverage, Difficulty, etc. - *Covers the subject very well -- easy to understand.*

5. Program Description - What does it do?

   Brilliant color graphics show the detailed process of cell division, beginning with a thorough analysis of why a cell divides. Interactive simulations illustrate surface area/volume ratio, chromosome number, chromosome replication, and cytoplasmic division. Students analyze and interpret graphs as an integral part of the learning process.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *11, 12*

7. Suggestions for Use or Application - Group, Individual, etc. - *Group & Individual*

8. Time required for teacher preparation - use. - *4 hours*

9. Program Requirements for Use - Equipment, Books, Materials. - *IBM PC -- If single-sided drive, you will need a drive A and drive B or a double-sided drive will read from both sides.*

10. Reviewer Comments - Information about backups, other.

    This is an excellent program for students in horticulture. The instructor's guide does a good job of listing the operating instructions, instructional objectives, program sequence, time schedule, reinforcement activities, educational features, and a test.

TEACHERS NAME *Jim Wilds*

1. Program Name - *Photosynthesis & Light Energy Cat. No. 1001*

2. Vendor - Who developed/Suggestions on where to purchase. - *Doug Southworth & IBM*

3. Cost - Close Estimate/Cost of backups. - *$69.95 - $10.00 if order from Classroom Consortia Media, Inc.*

4. Documentation - Coverage, Difficulty, etc. - *Covers the subject very well -- easy to understand.*

5. Program Description - What does it do?

   The inquiry approach is used to investigate the biochemical process of photosynthesis. Animated simulations, challenging activities, and spectacular color graphics illustrate the characteristics of light and its role as an energy source. Students are involved in controlled experiments with concise explanations that ensure comprehension.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *11, 12*

7. Suggestions for Use or Application - Group, Individual, etc. - *Group & Individual*

8. Time required for teacher preparation - use. - *4 to 5 hours*

9. Program Requirements for Use - Equipment, Books, Materials. - *IBM PC -- If single-sided drive, you will need a drive A and drive B or a double-sided drive will read from both sides.*

10. Reviewer Comments - Information about backups, other.

    This is an excellent program for students in horticulture. The instructor's guide does a good job of listing the operating instructions, instructional objectives, program sequence, time schedule, reinforcement activities, educational features, and a test.

TEACHERS NAME *John Lacy*

1. Program Name

   Ag Disk - Machinery Management - Series One

2. Vendor - Who developed/Suggestions on where to purchase.

   Harris Technical Systems, Inc., 624 Peach Street, P. O. Box 80837
   Lincoln, NE 68501 402/476-2811

3. Cost - Close Estimate/Cost of backups.

4. Documentation - Coverage, Difficulty, etc.

5. Program Description - What does it do?

   Operating cost estimations
   Ownership/hire comparisons
   Lease/buy comparisons
   Loan cost calculator

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   Jr. or Sr. level high school - adults

7. Suggestions for Use or Application - Group, Individual, etc.

8. Time required for teacher preparation - use.

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple II and 1 disk drive

10. Reviewer Comments - Information about backups, other.

    Reports are given in cost per year and cost per acre or unit. Deals with a wide variety of farm power units and machinery. Analyzes fixed and variable costs. A very useful program for selecting and comparing machinery purchases against hiring or leasing.

TEACHERS NAME *Jerry Coleman*

1. Program Name

   Machinery Management Series I

2. Vendor - Who developed/Suggestions on where to purchase.

   Radio Shack

3. Cost - Close Estimate/Cost of backups.

   $99.95

4. Documentation - Coverage, Difficulty, etc.

   Load Program in Drive 0, punch-in entry code and select program desired.

5. Program Description - What does it do?

   Operating Cost Estimator
   Ownership/Hire Comparison
   Lease/Buy Comparison
   Loan Cost Calculator

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   11, 12, and adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   1-2 hours at first

9. Program Requirements for Use - Equipment, Books, Materials.

   Must be able to supply individual figures, if you use the example, no additional materials needed. TRS 80 III (use on IV)

10. Reviewer Comments - Information about backups, other.

    Very good program for figuring cost of operating equipment and cost of loan/cost of owning equipment. Real good to see the total costs involved in using machinery.

TEACHERS NAME *Arthur Green*

1. Program Name - *Machine Cost*

2. Vendor - Who developed/Suggestions on where to purchase. - *Fred's Micro-ware*
   507/674-3068
   Box 162, Route 1
   Amboy, MN 56010

3. Cost - Close Estimate/Cost of backups. - *$29.95*
   ($49.95 today)

4. Documentation - Coverage, Difficulty, etc. - *Book easily explains use.*

5. Program Description - What does it do?

   Tractor cost, tractor and implement cost, combine cost

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *11-12, Adult*

7. Suggestions for Use or Application - Group, Individual, etc. - *Both individual and group are possible. Probably best as individual.*

8. Time required for teacher preparation - use. - *1/2 hour*

9. Program Requirements for Use - Equipment, Books, Materials. - *Apple, TRS-80, IBM -- Need machine cost, data available.*

10. Reviewer Comments - Information about backups, other.

    Must have accurate figures for input -- hours, fuel, repair, labor, etc.

TEACHERS NAME *Pat Henderson*

1. Program Name - *Machinery Management*

2. Vendor - Who developed/Suggestions on where to purchase. - *Harris Technical Systems*

3. Cost - Close Estimate/Cost of backups. - *$140*

4. Documentation - Coverage, Difficulty, etc. - *User friendly*

5. Program Description - What does it do?

   Makes operating cost estimations, ownership/hire comparisons, lease/buy comparisons, and loan cost calculations.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *11, 12, Young Farmer, Adult*

7. Suggestions for Use or Application - Group, Individual, etc. - *Group, Individual*

8. Time required for teacher preparation - use. - *Moderate*

9. Program Requirements for Use - Equipment, Books, Materials. - *Single Disk Drive*

10. Reviewer Comments - Information about backups, other.

    A good program for students. Has a sample or demo program built into each section.

TEACHER'S NAME Larry Lynch

1. Program Name Machine Cost

2. Vendor - Who developed/Suggestions on where to purchase.

   Fred's Micro-ware
   Box 162, Route 1
   Amboy, Minnesota 56010
   507/674-3068

3. Cost - Close Estimate/Cost of backups. $24.00

4. Documentation - Coverage, Difficulty, etc.

   Clear, complete, concise, easily understood
   Readable, under user's control
   Examples depict content
   It is an automatic function
   Little assistance required

5. Program Description - What does it do?

   Determine machine cost per hr/acre for tractors, combines and several pieces of equipment. Help a farmer determine if he needs to buy or use custom rent or possibly lease equipment.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12 and Adults

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible

8. Time required for teacher preparation - use. About 1½ hours is all that would be needed to acquaint a teacher with the program and prepare to use it in class.

9. Program Requirements for Use - Equipment, Books, Materials.

   Users Manual - Computer, TRS-80 Model III or IV (64K or higher with 2 Disk Drives) and printer

10. Reviewer Comments - Information about backups, other.

    It is a short program but is good for what it is designed for. Students in 9th and 10th grade with some computer knowledge would have no problem with this program. It is good to work with adults in determining machine cost.

TEACHERS NAME *Phil Rudolph*

1. Program Name

   Micro Computer Applications in Vocational Education

2. Vendor - Who developed/Suggestions on where to purchase.

   Illinois St.

3. Cost - Close Estimate/Cost of backups.

4. Documentation - Coverage, Difficulty, etc.

   Must have good records to use for inputs

5. Program Description - What does it do?

   Crop Income Possibilities
   Machinery Econ. Decisions
   Cash Flow
   Crop Budget
   Feeding Livestock Budget
   Fertilizer Cost Program
   Greenhouse Heating & Cooling
   Depreciation
   Calibrating Field Sprayers
   Soil Loss Equation
   Calf Weaning Wt.
   Instructions for Pearson Sq.
   Nitrogen Prog.
   Grain Marketing
   Lawn Planning
   Pearson Sq. Calculations

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   11-adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Most areas are best suited for individual.

8. Time required for teacher preparation - use.

   Materials -- records needed for input

9. Program Requirements for Use - Equipment, Books, Materials.

10. Reviewer Comments - Information about backups, other.

    Good program to have because of wide variety of subjects covered.

TEACHERS NAME *Doug Southworth*

1. Program Name

   16 Ag Programs

2. Vendor - Who developed/Suggestions on where to purchase.
   Vocational Agriculture Service, University of Illinois, 1401 S. Maryland Drive, Urbana, IL 61801

3. Cost - Close Estimate/Cost of backups.

   $100/no back up provided -- copy protected

4. Documentation - Coverage, Difficulty, etc. - *A fairly extensive number of materials are included to go with most of the 16 programs. Examples are provided to work through sample programs. Straight forward, easily understood.*

5. Program Description - What does it do?

   Has 16 different programs in the following areas:

   Livestock Budgets
   Fertilizer Cost
   Crop Budgets
   Income Possibilities
   Machinery Economics
   Calibration of Sprayers
   Soil Loss
   Nitrogen Program
   Depreciation Program
   6H Heating/Cooling
   Calf Weaning Weights
   Pearson Square
   Lawn Planning
   Cash Flow
   Grain Marketing

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12 (dependent upon the individual program)

7. Suggestions for Use or Application - Group, Individual, etc.

   Can be used in both individual/group applications

8. Time required for teacher preparation - use.

   3-5 hours for all programs

9. Program Requirements for Use - Equipment, Books, Materials.

   48K, 1 drive, printer optional

10. Reviewer Comments - Information about backups, other.

    Best deal found for the programs per $ spent. Some are basic, others a little more complex, all good. Can be used effectively with all levels of high school students and adults.

TEACHERS NAME *Jewell Colliver*

1. Program Name

   Micro Computer Applications in Agriculture

2. Vendor - Who developed/Suggestions on where to purchase.
   Mid America Vocational Curriculum Consortium (MAVCC)
   1500 West 7th Avenue, Stillwater, OK 74074 800-654-3988
3. Cost - Close Estimate/Cost of backups.

   $86

4. Documentation - Coverage, Difficulty, etc.

   Instructions are well written

5. Program Description - What does it do?

   Use and Selection of Micro Computers
   Six Units: Farm Business Management
   Animal Science
   Crop Science
   Horticulture
   Agricultural Mechanics
   Agribusiness

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12 and adult

7. Suggestions for Use or Application - Group, Individual, etc.
   Both individual and group are possible. If a monitor is available, class use would be very feasible. Tests are available to give after covering a subject.
8. Time required for teacher preparation - use.

   Some teacher preparation is necessary.

9. Program Requirements for Use - Equipment, Books, Materials.

   Student and teacher notebooks are available and very helpful.

10. Reviewer Comments - Information about backups, other.

    I would recommend using this program with beginners in computers and anyone interested in the six units. Teacher notebooks and student notebooks are very helpful and are included in the $86.00.

TEACHERS NAME *Jewell Colliver*

1. Program Name
   Visicalc -- crops, livestock, horticulture, and financial management budgets -- computer template packages
2. Vendor - Who developed/Suggestions on where to purchase.
   Agr. Development Fund WKU, Dept. of Ag., Western KY Univ., Bowling Green, KY 42101 502/745-3151
3. Cost - Close Estimate/Cost of backups.

   $199.95

4. Documentation - Coverage, Difficulty, etc.
   Several hours are needed for teacher understanding to make it useful, for best teaching understanding Visicalc.
5. Program Description - What does it do?

   20 different crops, 25 livestock, and 19 horticulture crops are budgeted using U of K 1980 figures and financial management templates subjects as cash flow, net worth, depreciation schedules, farm records.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12 and adults

7. Suggestions for Use or Application - Group, Individual, etc.
   Both individual and group are possible.
   Monitor needed for group learning.
8. Time required for teacher preparation - use.

   Very simple to run.

9. Program Requirements for Use - Equipment, Books, Materials.

   TRS-80 Model III & IV

10. Reviewer Comments - Information about backups, other.

    I would recommend this material be used with a class monitor in teaching project planning and farm management to freshmen and all levels including adults.

TEACHERS NAME *Jewell Colliver*

1. **Program Name**
   49 various titles on three diskettes -- examples: archery, bikeriding, hunt guns, first aid, energy conservation
2. **Vendor - Who developed/Suggestions on where to purchase.**
   University of Kentucky Extension Service -- Computer Lab. Lexington, KY (backups made by local extension office)
3. **Cost - Close Estimate/Cost of backups.**

   -0-

4. **Documentation - Coverage, Difficulty, etc.**

   Very simple to operate.

5. **Program Description - What does it do?**

   49 units

   Agri. Energy, Archery, Bikeride, Birds, Calories, Camper, Car Costs, Car Parts, Computers, Cookfire, Dairy Foods, Dairy Prod., Def. Drive, Energy Conservation, First Aid, Fuel Costs, Garden, Gas Saving, Guess Number, Hand Tool, Vegetable Garden, Lawn Mowing, Constellation Orders, Energy Puzzel, Snacks, Animal Maze, Horse Energy, Meteors, Tractors and Machinery, Water, Weather

6. **Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?**

   9-12

7. **Suggestions for Use or Application - Group, Individual, etc.**
   Both individual and group are possible. With monitor, games could be arranged on subjects.
8. **Time required for teacher preparation - use.**

   Very little preparation.

9. **Program Requirements for Use - Equipment, Books, Materials.**

   TRS 80 Model III and IV

10. **Reviewer Comments - Information about backups, other.**

    I found these educational on a wide range of subjects. Students like them, and I would recommend getting them in your files.

TEACHERS NAME *Jewell Colliver*

1. **Program Name**

   CCAPP (Computerized Career Assessment and Planning Program)

2. **Vendor - Who developed/Suggestions on where to purchase.**
   Developed by: System Design Associates, Inc. Purchased thru: Ms. Mary Lynn Cunningham, 1530 Meadowthorpe, Lexington, KY 40505 606/253-3209
3. **Cost - Close Estimate/Cost of backups.**

   $75.00
4. **Documentation - Coverage, Difficulty, etc.**

   No problems in using -- very easy to select choices.
5. **Program Description - What does it do?**

   4 Modules -- Career Assessment, Career Occupations, Career Planning, and Career Exploration

6. **Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?**

   9-12

7. **Suggestions for Use or Application - Group, Individual, etc.**
   Individual use if preferred for each student and print out sheet will be individualized. Both individual and group are possible.
8. **Time required for teacher preparation - use.**
   Very little -- Giving student instructions with books 10 minutes -- students need to read.
9. **Program Requirements for Use - Equipment, Books, Materials.**
   Support material books are helpful -- Guide for Occupational Exploration, Occupational Handbook, Dictionary of Occupational Titles Dept. of Labor, Baron's Profiles of Am. Colleges.
10. **Reviewer Comments - Information about backups, other.**

Approximately 30 minutes per unit or total 2 hours required. I would recommend this program for any students seeking career assistance. It is compatible with state and national career information data. Students like it very much. Allows student to find out what his/her career interests are. Systematically determines what jobs relate to his/her career interests and abilities. Develops an orderly plan to prepare to enter the occupation of his/her choice.

TEACHERS NAME *Pat Henderson*

1. Program Name - *Micro Computer Applications in Agriculture*

2. Vendor - Who developed/Suggestions on where to purchase. - *Mid America Vocational Curriculum Consortium*

3. Cost - Close Estimate/Cost of backups. - *$60.00*

4. Documentation - Coverage, Difficulty, etc. - *User friendly*

5. Program Description - What does it do?

   Various ag. related problems from ADG calculations to calculating rafter dimensions. Utilizes the computer to solve math problems related to agriculture.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *11, 12*

7. Suggestions for Use or Application - Group, Individual, etc. - *Group or Individual*

8. Time required for teacher preparation - use. - *Relatively small*

9. Program Requirements for Use - Equipment, Books, Materials. - *Single disk drive*

10. Reviewer Comments - Information about backups, other.

    A good program for combining math and computer instruction in an ag. related package.

TEACHERS NAME *Jewell Colliver*

1. Program Name

   FFA Information

2. Vendor - Who developed/Suggestions on where to purchase.

   Vocational Instructional Services, F.E. Box 182, Texas A&M, College Station, Texas 77843 409/845-6601

3. Cost - Close Estimate/Cost of backups.

   $36.00

4. Documentation - Coverage, Difficulty, etc.

   Very simple

5. Program Description - What does it do?

   There are 7 sections of questions -- 40 each
   Total of 280
   Multiple choice or T/F taken from FFA Manual

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible. Class use with monitor very possible and tests are available.

8. Time required for teacher preparation - use.

   Very little preparation needed.

9. Program Requirements for Use - Equipment, Books, Materials.

   TRS 80 Model III & IV

10. Reviewer Comments - Information about backups, other.

    I would recommend this for studying FFA. Students find it interesting. Back up easy.

TEACHERS NAME *David Duncan*

1. Program Name

   Parliamentary Quiz

2. Vendor - Who developed/Suggestions on where to purchase.

   Hobart or Apple Dealership -- Computer Market

3. Cost - Close Estimate/Cost of backups.

   $29.95

4. Documentation - Coverage, Difficulty, etc.

   Self Instruction -- Easy to use

5. Program Description - What does it do?

   Asks questions on Parliamentary Procedure and will give or deliver test.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   10 minutes

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple II, IIe or IIc

10. Reviewer Comments - Information about backups, other.

    Good for reviewing Parliamentary Procedure.

TEACHERS NAME *Jewell Colliver*

1. Program Name

   Parliamentary Procedure

2. Vendor - Who developed/Suggestions on where to purchase.
   Vocational Instructional Services, F.E. Box 182, Texas A&M, College Station, Texas 77843 409/845-6601
3. Cost - Close Estimate/Cost of backups.

   $36.00

4. Documentation - Coverage, Difficulty, etc.

   Very little instruction needed.

5. Program Description - What does it do?

   Test on parliamentary procedure general knowledge, review test results of students, create localized file of questions, print a test, edit test, conducts objective (mult. choice or T/F) quizzes or drill and practice exercises. 7 quizzes, 40 each, with answers taken from Parliamentary Guide for FFA by Jarrell D. Gray.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12

7. Suggestions for Use or Application - Group, Individual, etc.
   Both individual and group are possible. If monitor is available, class use would be very feasible. Tests are prepared.
8. Time required for teacher preparation - use.

   2 minute teacher preparation

9. Program Requirements for Use - Equipment, Books, Materials.
   Must have Model III TRSdos diskette to operate with this diskette.

10. Reviewer Comments - Information about backups, other.

    This program would be helpful to students in learning parliamentary procedure. I would recommend it. I would like to see questions from the Parliamentary Procedure book used in Kentucky.

TEACHERS NAME *Phil Rudolph*

1. Program Name

   FFA Quiz

2. Vendor - Who developed/Suggestions on where to purchase.

   Dr. Coffey

3. Cost - Close Estimate/Cost of backups.

4. Documentation - Coverage, Difficulty, etc.

   Simple to use.

5. Program Description - What does it do?

   Quiz of FFA

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12

7. Suggestions for Use or Application - Group, Individual, etc.

   Both

8. Time required for teacher preparation - use.

   Little

9. Program Requirements for Use - Equipment, Books, Materials.

   None

10. Reviewer Comments - Information about backups, other.

    Good-especially for freshmen

TEACHERS NAME *Arthur Green*

1. Program Name

   Tool Safety - Shop and Lab Related

2. Vendor - Who developed/Suggestions on where to purchase.

   Hobar Publications, 1234 Tiller Lane, St. Paul, MN 55112, 612/633-3170

3. Cost - Close Estimate/Cost of backups.

   $29.50

4. Documentation - Coverage, Difficulty, etc.

   Load disk

5. Program Description - What does it do?

   General Shop
   Metal and Wood Tools -- stationary and portable
   Hand Tools
   Metal Fabrication
   Shop Chemicals
   Fire Safety

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12

7. Suggestions for Use or Application - Group, Individual, etc.

   Individual learning only.

8. Time required for teacher preparation - use.

   Minimal

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple

10. Reviewer Comments - Information about backups, other.

    To go to next question, you must answer correctly. Good review. Quiz type questions.

TEACHERS NAME *Arthur Green*

1. Program Name

   Home & Farmstead Safety

2. Vendor - Who developed/Suggestions on where to purchase.

   Hobar Publications, 1234 Tiller Lane, St. Paul, MN 55112, 612/633-3170

3. Cost - Close Estimate/Cost of backups.

   $29.50

4. Documentation - Coverage, Difficulty, etc.

   Load disk

5. Program Description - What does it do?

   House and Yard
   Farm Shop
   Machinery
   Chemical and Fuel
   Building
   Livestock
   Electrical

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12

7. Suggestions for Use or Application - Group, Individual, etc.

   Individual learning only

8. Time required for teacher preparation - use.

   Minimal

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple

10. Reviewer Comments - Information about backups, other.

    Good preview or review for these safety areas. Quiz questions.

TEACHERS NAME *Jewell Colliver*

1. Program Name

   Air Pollution

2. Vendor - Who developed/Suggestions on where to purchase.

   Carolina Biological Supply Company, 2700 York Road, Burlington, NC 27215
   800-334-5551

3. Cost - Close Estimate/Cost of backups.

   $38.50

4. Documentation - Coverage, Difficulty, etc.

5. Program Description - What does it do?

   Reviews effect of CO on humans, U.S. CO standards, cause/effect of thermal inversion, factors affecting atmospheric CO levels. Students may simulate experiments by changing factors as # vehicles, mass transit, and wind speed. Concludes with quiz.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   Very little preparation needed.

9. Program Requirements for Use - Equipment, Books, Materials.

   25 test sheets are furnished

10. Reviewer Comments - Information about backups, other.

    I would recommend this program to an Agricultural Resources class studying air pollution. It is well presented and interesting and tests are available.

TEACHERS NAME *Jewell Colliver*

1. Program Name

   Water Pollution

2. Vendor - Who developed/Suggestions on where to purchase.

   Carolina Biological Supply Company, 2700 York Road, Burlington, NC 27215 800/334-5551

3. Cost - Close Estimate/Cost of backups.

   $31.75

4. Documentation - Coverage, Difficulty, etc.

   Very easy to use

5. Program Description - What does it do?

   Basics of Water Pollution, Physical Properties of Water, Types of Water Pollution, Fish Kills, Biochemical Oxygen Demand, Primary and Secondary Water Treatment. Includes student experiment mode -- Students vary factors influencing water quality.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible. If a monitor is available, group use is very feasible. It is instructional with tests available.

8. Time required for teacher preparation - use.

   Very little -- 5 minutes

9. Program Requirements for Use - Equipment, Books, Materials.

   Tests are available to give at completion.

10. Reviewer Comments - Information about backups, other.

    I would recommend using this program in any high school class dealing with water pollution and treatment. Especially Ag. Resources classes. Can't be backed up easily.

TEACHERS NAME *Phil Rudolph*

1. Program Name

   Parliamentary Procedure II

2. Vendor - Who developed/Suggestions on where to purchase.

   Agri-Farm Publications, Box 43, Gowrie, Iowa 50543

3. Cost - Close Estimate/Cost of backups.

   $39.95

4. Documentation - Coverage, Difficulty, etc.

   Simple to use, questions and answers on parliamentary procedure

5. Program Description - What does it do?

   Questions and answers on parliamentary procedure. Can be printed as a quiz or used by an individual in the computer.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12

7. Suggestions for Use or Application - Group, Individual, etc.

   Best for group use at grades 9-10 and as a review for individuals or small groups after that.

8. Time required for teacher preparation - use.

   Very little

9. Program Requirements for Use - Equipment, Books, Materials.

   None

10. Reviewer Comments - Information about backups, other.

    Good study guide to be used in teaching or studying parliamentary procedure.

TEACHERS NAME *Jewell Colliver*

1. Program Name

   Alphabetic Keyboarding Package

2. Vendor - Who developed/Suggestions on where to purchase.
   South-Western Publishing Company, 5101 Madison Road, Cincinnati, Ohio 45227 800/543-7007
3. Cost - Close Estimate/Cost of backups.

   $91

4. Documentation - Coverage, Difficulty, etc.

   Very simple to use

5. Program Description - What does it do?

   Computer keyboard learning program on two diskettes. Teaches typing step by step at the pace you choose. There are 18 short lessons requiring about 25 minutes each to complete. If you type a mistake, keyboard locks up until you strick correct key and correct key flashes until you strick it.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12 and adult

7. Suggestions for Use or Application - Group, Individual, etc.
   Individual learning only. This directs a student to learn typing and gives details and practice exercises.
8. Time required for teacher preparation - use.

   1 minutes to start students

9. Program Requirements for Use - Equipment, Books, Materials.
   TRS 80 Model III or IV, 48 K minimum; available for Apple IIe, 64 K minimum

10. Reviewer Comments - Information about backups, other.

    This is an excellent method to teach the keyboard to anyone and gives from beginner to advanced lessons in typing. I would recommend for any age group not skilled in typing.

TEACHERS NAME *Jewell Colliver*

1. Program Name

   Scripsit Dictionary - Drive 1

2. Vendor - Who developed/Suggestions on where to purchase.

   Radio Shack, Greenwood Mall, Bowling Green, KY 42101
   502/842-4070

3. Cost - Close Estimate/Cost of backups.

   $149 less 20% = $119.20

4. Documentation - Coverage, Difficulty, etc.

   Instructions are somewhat complicated and several hours needed to master use with Scripsit.

5. Program Description - What does it do?

   Makes computer an efficient copy reader. Checks spelling on over 73,000 words and additional user words are added. Proof-read for errors in word usage, punctuation and content.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12

7. Suggestions for Use or Application - Group, Individual, etc.

   Individual learning only. For editing and office work.

8. Time required for teacher preparation - use.

   Instructions are somewhat complicated and several hours are needed to master use with Scripsit.

9. Program Requirements for Use - Equipment, Books, Materials.

   Instructions available.

10. Reviewer Comments - Information about backups, other.

    This is used in writing and office work.

TEACHERS NAME *Doug Southworth*

1. Program Name

   CompuServe

2. Vendor - Who developed/Suggestions on where to purchase.

   Compuserve, 5000 Arlington Centre Blvd., P. O. Box 20212, Columbus, Ohio 43220

3. Cost - Close Estimate/Cost of backups.

   $39.95 for starter kit (ID password instructions)

4. Documentation - Coverage, Difficulty, etc.

   Easily read and understood.

5. Program Description - What does it do?

   Database -- General Information

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   Not suitable for use in vo ag.

7. Suggestions for Use or Application - Group, Individual, etc.

8. Time required for teacher preparation - use.

9. Program Requirements for Use - Equipment, Books, Materials.

10. Reviewer Comments - Information about backups, other.

    Not suitable for use in vo ag. All areas that had potential usefullness in agriculture have been deleted. All that remains are weather information (NOAH) and a very simple gardening section. Not useful for classroom.

TEACHERS NAME *Doug Southworth*

1. Program Name

   How to Use Multiplan

2. Vendor - Who developed/Suggestions on where to purchase.

   Fliptrack Learning Systems, Glenn Ellyn, IL 60137

3. Cost - Close Estimate/Cost of backups.

   $69.00

4. Documentation - Coverage, Difficulty, etc.

   4 tapes (cassettes) that are tutorials for Microsofti Multiplan

5. Program Description - What does it do?

   Step by step hand holding through Multiplan

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   Instructor/advanced students (12th)

7. Suggestions for Use or Application - Group, Individual, etc.

   n/a

8. Time required for teacher preparation - use.

   6-8 hours

9. Program Requirements for Use - Equipment, Books, Materials.

   Cassette player

10. Reviewer Comments - Information about backups, other.

    Excellent - painless way to learn the intricacies of Multiplan. You are talked through the learning process rather than having to read it.

TEACHERS NAME *Doug Southworth*

1. Program Name

   Multiplan

2. Vendor - Who developed/Suggestions on where to purchase.

   Microsoft Corporation, 10700 Northup Way, Bellevue, WA 98004

3. Cost - Close Estimate/Cost of backups.

   $275

4. Documentation - Coverage, Difficulty, etc.

   Very extensive, 300+ page manual. Clearly written with many examples provided throughout. Includes a tutorial section and a reference section for applications not used frequently.

5. Program Description - What does it do?

   Spreadsheet

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   11-12, adults

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible. Use with greenhouse calculations, i.e., ventilation, cooling, heating requirements. Suitable for use with any area requiring math computations.

8. Time required for teacher preparation - use.

   6 hours

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple IIe, 48K, 2 disk drive

10. Reviewer Comments - Information about backups, other.

    Excellent program, has on-line command help, English commands instead of letters, able to link different worksheets together, lock cells, a second generation spreadsheet.

TEACHERS NAME *Doug Southworth*

1. Program Name

   Sofcrates

2. Vendor - Who developed/Suggestions on where to purchase.
   Simpac Educational Systems, Suite 11-C, 1105 North Main Street, Gainesville, FL 32601
3. Cost - Close Estimate/Cost of backups.

   $269 Backup $15 w/warranty card return

4. Documentation - Coverage, Difficulty, etc.
   Well written, fairly easy to follow. Written to a user that is somewhat knowledgable but certainly not the expert. Format is logical and clear.
5. Program Description - What does it do?

   Courseware Creator -- Allows you to develop computer program/modules that are directly related to your instructional program. Can enter text, questions, animation, review, glossary, etc.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   Instructor only

7. Suggestions for Use or Application - Group, Individual, etc.
   Used by the instructor to custom develop mini or maxi programs that relate to your level of instruction exactly.
8. Time required for teacher preparation - use.

   20-30 minutes

9. Program Requirements for Use - Equipment, Books, Materials.

   48K (Apple), 1 disk drive (2 better), game paddles

10. Reviewer Comments - Information about backups, other.

    An excellent program if one has the time and desire to tailor programs for students.

TEACHERS NAME *Joe Duncan*

1. Program Name

   lotus 1, 2, 3

2. Vendor - Who developed/Suggestions on where to purchase.

   Computerland - Bowling Green

3. Cost - Close Estimate/Cost of backups.

   $495 less 8% Educator Discount

4. Documentation - Coverage, Difficulty, etc.

   Instruction book comes with software. Computerland staff has been very helpful in any instructions needed.

5. Program Description - What does it do?

   This program is a spreadsheet. It can be used as a data base. Use for filing students names, address, phone number, any kind of information. It will sort by number or alphabet. Any column or all columns. You can extract anything at anyplace. It can also be used as a limited word processor to write letters. It can be used for address labels. It can be used for financial or statistical calculations. It can also graph. This program will do much more than a word processor and unless you plan to use a word processor everyday. This program would work for that too.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   Adults or high school students with some computer experience.

7. Suggestions for Use or Application - Group, Individual, etc. - *Mainly for individual use. Teacher could use for any filing, sorting information, letter writing or address labels. Fin. and Stat. calculations and graphs could be used for either individuals or groups.*

8. Time required for teacher preparation - use.

   30 minutes to 2 hours

9. Program Requirements for Use - Equipment, Books, Materials.

   192K will work on 1 or 2 disk drive - works mainly for IBM - can work on digital, program is now being developed for Apple and Radio Shack 2000

10. Reviewer Comments - Information about backups, other.

    Seems like it will work very well for adult ag programs. All kinds of crop and livestock budgets, production cost calculations, etc. can be run on it, as well as mortgage, lease, and interest payments, etc.

    Teacher can use it to file about as much information as he wishes on any or all classes. Address labels can be used and sorted to send to any one group or to everyone on file.

    Even though it may seem costly, it does the work of many smaller programs that when added together would probably cost more.

    Biggest drawback: needs 192K to run.

TEACHERS NAME *Phil Rudolph*

1. Program Name

   Word Handler II

2. Vendor - Who developed/Suggestions on where to purchase.

   Any computer store

3. Cost - Close Estimate/Cost of backups.

   $59.95

4. Documentation - Coverage, Difficulty, etc.

   Takes time to learn

5. Program Description - What does it do?

   Word processing program -- letters -- looks good

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Individual good for office use

8. Time required for teacher preparation - use.

   A great deal of time to learn

9. Program Requirements for Use - Equipment, Books, Materials.

10. Reviewer Comments - Information about backups, other.

    Will be good for office use. Letters, etc. I doubt it has much on-farm possibilities, but I am not that well trained on the programs.

TEACHERS NAME *Phil Rudolph*

1. Program Name

   Agri/Com III

2. Vendor - Who developed/Suggestions on where to purchase.

   Photocom Productions, P. O. Box 3135, Pismo Beach, CA 93449

3. Cost - Close Estimate/Cost of backups.

   $200

4. Documentation - Coverage, Difficulty, etc.

5. Program Description - What does it do?

   Stores and retrives student records
   Creates auto-tutorial lesson on any subject
   Scores judging contest and allows for reasons
   Farm records -- cash flow data
   Creates test

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-Adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both

8. Time required for teacher preparation - use.

   Must put information in computer

9. Program Requirements for Use - Equipment, Books, Materials.

10. Reviewer Comments - Information about backups, other.

    Useful program -- overpriced -- others will do some of the same thing

TEACHERS NAME *Phil Rudolph*

1. Program Name

   Crossword Magic

2. Vendor - Who developed/Suggestions on where to purchase.

3. Cost - Close Estimate/Cost of backups.

   $49.95

4. Documentation - Coverage, Difficulty, etc.

   Manual

5. Program Description - What does it do?

   Creates and stores puzzles such as crossword puzzles. It sizes the puzzle, prints the clues, and will print out a completed puzzle. Can be printed and reproduced for class use.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12

7. Suggestions for Use or Application - Group, Individual, etc.

   Group

8. Time required for teacher preparation - use.

   Teacher must develop clues used and enter them in the computer.

9. Program Requirements for Use - Equipment, Books, Materials.

   Manual

10. Reviewer Comments - Information about backups, other.

    It is a good program for instruction in several areas. Can be used in almost any class. It provides a different manner that is more interesting in many cases of teaching.

TEACHERS NAME *Phil Rudolph*

1. Program Name

   VisCal

2. Vendor - Who developed/Suggestions on where to purchase.

   Purchase from any computer store

3. Cost - Close Estimate/Cost of backups.

   $250

4. Documentation - Coverage, Difficulty, etc.

   Takes time to learn to use

5. Program Description - What does it do?

   Training series - spread sheets

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   11-adult

7. Suggestions for Use or Application - Group, Individual, etc.

8. Time required for teacher preparation - use.

   Take a great deal of time to learn

9. Program Requirements for Use - Equipment, Books, Materials.

10. Reviewer Comments - Information about backups, other.

    It looks like it has good uses once you have time to learn the use. It does have a training series.

TEACHERS NAME *Jewell Colliver*

1. Program Name

   Visicalc

2. Vendor - Who developed/Suggestions on where to purchase.

   Radio Shack, Green Wood Mall, Bowling Green, KY 42101
   502/842-4070 or 3979

3. Cost - Close Estimate/Cost of backups.

   $199 less 20% = $159.20

4. Documentation - Coverage, Difficulty, etc.

   Instructions in book -- considerable time (several hours) needed to master.

5. Program Description - What does it do?

   The computer's screen becomes a "window" which looks out upon a much larger electronic sheet. You can move or scroll the window in all four directions. Various commands.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible. Class project planning and record keeping possibilities many.

8. Time required for teacher preparation - use.

   The elementary features can be learned in a couple hours.

9. Program Requirements for Use - Equipment, Books, Materials.

   Instruction book available. TRS-80 Model III & IV

10. Reviewer Comments - Information about backups, other.

    It is a good planning and forecasting tool. It has a broad range of features and commands.

TEACHERS NAME *Jerry Coleman*

1. Program Name

   Visicalc

2. Vendor - Who developed/Suggestions on where to purchase.

   Radio Shack

3. Cost - Close Estimate/Cost of backups.

   $159.99

4. Documentation - Coverage, Difficulty, etc.

   10-15 minutes to load spread sheet only (longer to develop program)

5. Program Description - What does it do? *Type VC (enter)*

   Basically this program divides the screen into columns and rows and you supply the information to set it up to meet your needs.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12 and adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   10-15 minutes for Visicalc only

9. Program Requirements for Use - Equipment, Books, Materials.

   TRS 80 Model I & III (III can be used on IV)

10. Reviewer Comments - Information about backups, other.

    This program is a must to use the ag templates as they are set up on the Visicalc Program. It also enables you to develop your own recordbook system or recording system.

TEACHERS NAME *David Duncan*

1. Program Name

   Visi-Calc

2. Vendor - Who developed/Suggestions on where to purchase.

   Apple Dealership, Bowling Green (Computer Market)

3. Cost - Close Estimate/Cost of backups.

   $250

4. Documentation - Coverage, Difficulty, etc.

   Complicated to use. Good instruction manual. Buy a Cedex program. It will take you through the Visi-Calc. Use 1 key to load, start, print, etc.

5. Program Description - What does it do?

   Formats Crop Analysis, Student Work, Selling Projects, etc.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-Adults

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   4-5 hours

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple II, Apple IIe, Apple IIc

10. Reviewer Comments - Information about backups, other.

    Spread sheet program.

TEACHERS NAME *Arthur Green*

1. Program Name - *Cedex Training for Visicalc*

2. Vendor - Who developed/Suggestions on where to purchase. - *Randolph Hale*
   Hopkinsville, KY
   or local dealer

3. Cost - Close Estimate/Cost of backups.- *$50.00*

4. Documentation - Coverage, Difficulty, etc. - *Book goes step by step with explaining how to use visicalc.*

5. Program Description - What does it do?

   This program simplifies the explanation of the use of visicalc. This is a tutorial.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *11-12 & adult*

7. Suggestions for Use or Application - Group, Individual, etc. - *Individual learning only.*

8. Time required for teacher preparation - use. - *4 hours or less*

9. Program Requirements for Use - Equipment, Books, Materials.- *Apple, IBM, Radio Shack -- need the visicalc -- available with the Cedex Training*

10. Reviewer Comments - Information about backups, other.

    A must to learn visicalc.

TEACHERS NAME *Arthur Green*

1. Program Name - *Type Attack*

2. Vendor - Who developed/Suggestions on where to purchase. - *VEP, San Luis Obispu, California 93407, 800/235-4146, or local dealer*

3. Cost - Close Estimate/Cost of backups. - *$39.95*

4. Documentation - Coverage, Difficulty, etc. - *Booklet describes all procedures, easy to understand.*

5. Program Description - What does it do?

   Enhance typing skills by typing letters and words in Star Wars format.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *9-12*

7. Suggestions for Use or Application - Group, Individual, etc. - *Individual learning only.*

8. Time required for teacher preparation - use. - *1 hour or less*

9. Program Requirements for Use - Equipment, Books, Materials. - *Apple*

10. Reviewer Comments - Information about backups, other.

    Good for student skills. Lessons can be added to type agricultural terms and enhance spelling.

TEACHERS NAME *Arthur Green*

1. Program Name

   Class Master

2. Vendor - Who developed/Suggestions on where to purchase.

   VEP, San Luis Obispu, CA 93407, 800/235-4146

3. Cost - Close Estimate/Cost of backups.

   $65

4. Documentation - Coverage, Difficulty, etc.

   Must follow book

5. Program Description - What does it do?

   new courses
   edit
   grades
   alphabetize

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   Teacher only

7. Suggestions for Use or Application - Group, Individual, etc.

   n/a

8. Time required for teacher preparation - use.

   Too much for type of program.

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple II - IIe

10. Reviewer Comments - Information about backups, other.

    Some problems with alphabetizing and not moving grades already recorded. I believe there are better systems.

TEACHERS NAME *George Morgan*

1. Program Name

   Super Scriptsit

2. Vendor - Who developed/Suggestions on where to purchase.

   Radio Shack

3. Cost - Close Estimate/Cost of backups.

   $199

4. Documentation - Coverage, Difficulty, etc.

   Must read the manual as this program does several different functions.

5. Program Description - What does it do?

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12 grade with computer background, 2nd year computer students

7. Suggestions for Use or Application - Group, Individual, etc.

   Individual learning only.

8. Time required for teacher preparation - use.

   10 to 15 hours or more

9. Program Requirements for Use - Equipment, Books, Materials.

   TRS 80 Model I/III, can be used on Model IV

10. Reviewer Comments - Information about backups, other.

    This program mainly used to aid the teacher in secretarial work. It would require someone with a good knowledge in computers. The manual does have examples, also available is an instructional manual with tape to instruct the user.

TEACHERS NAME *George Morgan*

1. Program Name

   Profile III Plus

2. Vendor - Who developed/Suggestions on where to purchase.

   Radio Shack

3. Cost - Close Estimate/Cost of backups.

   $199

4. Documentation - Coverage, Difficulty, etc.

   Must follow manual to set up desired program format.

5. Program Description - What does it do?

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   2nd year computer students

7. Suggestions for Use or Application - Group, Individual, etc.

   Individual learning only

8. Time required for teacher preparation - use.

   10 to 15 hours unless you already have computer background.

9. Program Requirements for Use - Equipment, Books, Materials.

   Computer Manual, TRS - 80 Model III, will run on Model IV

10. Reviewer Comments - Information about backups, other.

    This program would mainly be used to aid the teacher in keeping records on his/her students. It would require someone with a good background in computers to use this program. The manual does have an example to work through.

TEACHERS NAME *Jewell Colliver*

1. Program Name

   Work Processor Superscripsit - Drive 0

2. Vendor - Who developed/Suggestions on where to purchase.
   Radio Shack, Greenwood Mall, Bowling Green, KY 42101
   502/842-4070
3. Cost - Close Estimate/Cost of backups.

   $199.00 less 20% = $159.20

4. Documentation - Coverage, Difficulty, etc.
   Book of instructions accompany.

5. Program Description - What does it do?

   Starting up, typing, printing, revising, managing files, system set up

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12

7. Suggestions for Use or Application - Group, Individual, etc.

   Individual learning only

8. Time required for teacher preparation - use.

   Several hours of practice needed by teacher.

9. Program Requirements for Use - Equipment, Books, Materials.

   Large instructional book. TRS 80 Model III & IV

10. Reviewer Comments - Information about backups, other.

    This is useful in letter writing and office work.

TEACHERS NAME *David Duncan*

1. Program Name

   Apple Writer

2. Vendor - Who developed/Suggestions on where to purchase.

   Apple Sales Dealership, (Computer Market), Bowling Green, KY

3. Cost - Close Estimate/Cost of backups.

   $125

4. Documentation - Coverage, Difficulty, etc.

   Use the Control Key, S-Save, L-Loads, P-Prints, etc. Easy to use.

5. Program Description - What does it do?

   Good for all purposes - writing. There are others out just as good. PFS Apple Write is one.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-Adults

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   1 hour

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple II, Apple IIe

10. Reviewer Comments - Information about backups, other.

    Good for storing letters, tests, writing letters, making a test, will or could make typewriter non-existant, if used.

TEACHERS NAME *Arthur Green*

1. Program Name - *Apple Writer II*

2. Vendor - Who developed/Suggestions on where to purchase. - *Randolph Hale Hopkinsville, KY or Local Dealer*

3. Cost - Close Estimate/Cost of backups. - *$175.00*

4. Documentation - Coverage, Difficulty, etc. - *Detail explanation on use of program.*

5. Program Description - What does it do?

   Used to prepared letters, reports, and papers with easy correction.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *11, 12, Adult*

7. Suggestions for Use or Application - Group, Individual, etc. - *Both individual and group are possible.*

8. Time required for teacher preparation - use. - *1-2 hours*

9. Program Requirements for Use - Equipment, Books, Materials. - *Apple II, Apple IIe*

10. Reviewer Comments - Information about backups, other. - *Probably best used for departmental and FFA correspondence. May be used by students to write papers and to do reports. A program of this type is needed.*

TEACHERS NAME *Jewell Colliver*

1. Program Name

   PFS Profile III Plus - Creation Diskett - & Runtime Diskette

2. Vendor - Who developed/Suggestions on where to purchase.
   Radio Shack, Greenwood Mall, Bowling Green, KY
   502/842-4070
3. Cost - Close Estimate/Cost of backups.

   $199 less 20% = $159.20
4. Documentation - Coverage, Difficulty, etc.

5. Program Description - What does it do?

   The creation disk enables you to make a file system for your own needs. The runtime disk is used to store, change, and retrieve data you have in file. These disks are used together. Performs addition, subtraction, multiplication, and division and permits updating automatically.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12
7. Suggestions for Use or Application - Group, Individual, etc.
   Both individual and group are possible. Useful in record keeping. We have 230 student records on 2 diskettes with production projects and personal information
8. Time required for teacher preparation - use.
   Teacher formats and students can be shown in a few minutes to fill in information. retrievable by several areas.
9. Program Requirements for Use - Equipment, Books, Materials.
   Instruction book furnished and study needed.
10. Reviewer Comments - Information about backups, other.

    This material is for use by more advanced students in developing and using files. We have all personal information and project information on over 200 agriculture students on this. I feel it will be helpful in keeping department records.

TEACHERS NAME *David Duncan*

1. Program Name

   PFS File

2. Vendor - Who developed/Suggestions on where to purchase.

   Apple Dealership, Bowling Green (Computer Market)

3. Cost - Close Estimate/Cost of backups.

   $125

4. Documentation - Coverage, Difficulty, etc.

   Use control C to load, Control N to move from page to page, Control P to move back pages.

5. Program Description - What does it do?

   Keeps a complete filing system.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-Adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   1 hour

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple II or IIe

10. Reviewer Comments - Information about backups, other.

    Good for keeping students records, recordbooks, FFA material, etc.

TEACHERS NAME *David Duncan*

1. Program Name

   PFS Report

2. Vendor - Who developed/Suggestions on where to purchase.

   Apple Dealership, Bowling Green (Computer Market)

3. Cost - Close Estimate/Cost of backups.

   $125

4. Documentation - Coverage, Difficulty, etc.

   Use the control key as in PFS File

5. Program Description - What does it do?

   The PFS Report records all data on PFS File and puts it all together.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-Adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible.

8. Time required for teacher preparation - use.

   1 hour

9. Program Requirements for Use - Equipment, Books, Materials.

10. Reviewer Comments - Information about backups, other.

    Not used much.

TEACHERS NAME *Arthur Green*

1. Program Name - *PFS - file*

2. Vendor - Who developed/Suggestions on where to purchase. - *Randolph Hale Hopkinsville, KY or local dealer*

3. Cost - Close Estimate/Cost of backups. - *$111*

4. Documentation - Coverage, Difficulty, etc. - *Includes book with all commands and uses.*

5. Program Description - What does it do? - *Design file, add, copy, search, print, remove*

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *high school and adult*

7. Suggestions for Use or Application - Group, Individual, etc. - *Individual learning only*

8. Time required for teacher preparation - use. - *1-2 hours*

9. Program Requirements for Use - Equipment, Books, Materials.- *Apple, IBM, Radio Shack -- Need information you wish to put in the file.*

10. Reviewer Comments - Information about backups, other.

File can be designed for own needs, student list, young farmers, etc. Needed for office records. A program of this type is needed.

TEACHERS NAME *Phil Rudolph*

1. Program Name

   *Personal Filing System / Personal Filing System Report**

2. Vendor - Who developed/Suggestions on where to purchase.

3. Cost - Close Estimate/Cost of backups.

   $125 each

4. Documentation - Coverage, Difficulty, etc.

   It is a good program but requires time to study and use.

5. Program Description - What does it do?

   It provides all types of filing information. I have student information on the program. It can be updated at any time. The information that you want has to be developed by the user.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-Adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Individual and group use

8. Time required for teacher preparation - use.

   A great deal of time is required in developing format for information.

9. Program Requirements for Use - Equipment, Books, Materials.

   Manual

10. Reviewer Comments - Information about backups, other.

    This is a very good program. Its use for keeping teacher-student records is unlimited; however, it takes a good deal of time in learning how to use. I feel we have only scratched the surface on its use. I think chapter programs of work could be put in this program and easily revised each year. Good program.

**The PFS Report*

TEACHERS NAME *Arthur Green*

1. **Program Name**

   Notebook -- Updated Monthly -- Agricultural Computing Source Book

2. **Vendor - Who developed/Suggestions on where to purchase.**

   Doanes-Western, Inc., St. Louis, MO 63144

3. **Cost - Close Estimate/Cost of backups.**

   $48

4. **Documentation - Coverage, Difficulty, etc.**

5. **Program Description - What does it do?**

   List available hardware and software
   Includes some written programs
   Current information on the use of computers in agriculture

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

7. Suggestions for Use or Application - Group, Individual, etc.

8. Time required for teacher preparation - use.

9. Program Requirements for Use - Equipment, Books, Materials.

10. Reviewer Comments - Information about backups, other.

    Good resource book, similar to Doanes Farm Management Notebook

TEACHERS NAME *Arthur Green*

1. Program Name - *Mircocomputer Applications in Agriculture*

2. Vendor - Who developed/Suggestions on where to purchase. - *MAVCO*
   1500 West Seventh
   Stillwater, OK 74074

3. Cost - Close Estimate/Cost of backups. - *$85*

4. Documentation - Coverage, Difficulty, etc. - *Notebook with explanation, overhead, example, activities to do.*

5. Program Description - What does it do?

   Notebooks provide introduction to computers and their usage.

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult? - *High School*

7. Suggestions for Use or Application - Group, Individual, etc. - *Both individual and group are possible.*

8. Time required for teacher preparation - use. - *1-2 hours*

9. Program Requirements for Use - Equipment, Books, Materials. - *Notebook provides all needed material with disk. Need to run off some items.*

10. Reviewer Comments - Information about backups, other.

    Provides a good introduction with support materials and student activities for computers in agriculture.

TEACHER'S NAME Russell Parsons

1. Program Name Word Handler

2. Vendor - Who developed/Suggestions on where to purchase.

   Dr. James McGuire
   Western KY University Agr. Dept.
   Bowling Green, KY 42101
   502/745-3151

3. Cost - Close Estimate/Cost of backups. $60.00

4. Documentation - Coverage, Difficulty, etc.

   Considerable assistance required

5. Program Description - What does it do?

   Word Processing Program, for office use

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12 and adults

7. Suggestions for Use or Application - Group, Individual, etc.

   Individual learning only

8. Time required for teacher preparation - use.

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple II

10. Reviewer Comments - Information about backups, other.

    Mostly for office use

TEACHER'S NAME Russell Parsons

1. Program Name Micro Computer Application

2. Vendor - Who developed/Suggestions on where to purchase.

   Voc Agr Services
   University of Illinois
   1401 S. Maryland Drive
   Chicago, IL 60612

3. Cost - Close Estimate/Cost of backups. $103.00

4. Documentation - Coverage, Difficulty, etc.

   Clear, complete, concise, easily understood, little assistance required

5. Program Description - What does it do?

   16 programs from crops, livestock, horticulture, soils, depreciation

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   9-12 and adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Both individual and group are possible

8. Time required for teacher preparation - use.

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple II

10. Reviewer Comments - Information about backups, other.

    Several good simple programs, fairly easy to use

TEACHER'S NAME Russell Parsons

1. Program Name The Sensible Speller

2. Vendor - Who developed/Suggestions on where to purchase.

   Sensible Software, Inc.
   24011 Seneca
   Oak Park, Michigan 48237

3. Cost - Close Estimate/Cost of backups. $125.00, one backup copy provided

4. Documentation - Coverage, Difficulty, etc.

   Considerable teacher assistance required

5. Program Description - What does it do?

   Contains 80,000 word diskette, can add approximately 10,000 additional words

6. Suggested User Level - 9, 10, 11, 12, Young Farmer, Adult?

   Adult

7. Suggestions for Use or Application - Group, Individual, etc.

   Individual learning only

8. Time required for teacher preparation - use.

9. Program Requirements for Use - Equipment, Books, Materials.

   Apple II

10. Reviewer Comments - Information about backups, other.

    Excellent for proofreading letters, etc. To be used with word processor. Will work on several word processing programs designed for Apple II.

FARM MANAGEMENT

Program	Vendor & Address
Ag-Com Livestock - Crops	Photocom Productions P.O. Box 3135 Pismo Beach, CA 93449
Ag Disk Market Charting Package	Harris Technical Systems 624 Peach Street, P.O. Box 80837 Lincoln, NE 68501
Ag Disk Financial Management Series I	Harris Technical Systems P.O. Box 80837 624 Peach Street Lincoln, NE 68501
Livestock - Crops - Finance	Ag Plus Software 906 South Main Ida Grove, Iowa 51445
Ag Financial Calculations	Photocom Productions P.O. Box 3135 Pismo Beach, VA 93449
Ag Disk - Crop/Livestock Profit Projector	Harris Technical Systems, Inc. 624 Peach Street P.O. Box 80837 Lincoln, NE 68501
FARM - Farm Accounting & Records Management	Specialized Data Systems, Inc. Box 8278 Madison, WI 53708
Financial Management Series One	Radio Shack
Farm Management Utilities Template	Western KY University Ag. Department Bowling Green, KY 42101
Farmware Computerized Records	So. Minnesota Software P.O. Box 2134 N. Mankato, MN 56001
Business Management Visicalc Templates	Radio Shack
Agri-Nalysis	Apple Dealership
Farm Management Quiz	Hobart, Computer Market Bowling Green, KY
Land Purchase	Hobart or Apple Dealership Bowling Green, KY

FARM MANAGEMENT (cont'd)

Program	Vendor & Address
Agri-Ledger	Agrisoft Nebraska
Types & Calculations of Depreciation	Hobar Publications 1234 Tiller Lane St. Paul, MN 55112
Farm Management and Related Review	Hobar Publications 1234 Tiller Lane St. Paul, MN 55112
Farmcalc Models	California 93407
Ag Disk Business Management Visicalc Templates	VEP (or local dealer) San Luis Obispu, CA 93407
Visicalc	Randolph Hale (or local dealer) Hopkinsville, KY
Ag Pac	Software Package Wisconsin Microware One South Park Street Suite 220 Madison, WI 53715
Ag Pac	Software Package Wisconsin Microware One South Park Street Suite 220 Madison, WI 53715
Financial Management	Harris Technical Systems
Farm Accounting Package with Enterprise Analysis, Budget, and Cash Flow Extensions	
Vis Cal Templates - Crops, Livestock, Horticulture, Farm Management	WKU - Dr. McGuire
Agri-Ledger	Small Business Computer Systems

CROPS

Program	Vendor & Address
Herbicides and Insecticides Selection Guide	Successful Farming Management Software Locust at 17th Des Moines, Iowa
Crop Utilities	Agri-Farm Publications Box 43 Gowrier, Iowa 50543
Ag Disk - Corn/Soybean Management Series One	Harris Technical Systems 624 Peach Street P.O. Box 80837 Lincoln, NE 68501
Corn/Soybean Management Series I	Radio Shack
Crop Budgets Template	Western KY University Ag. Department Bowling Green, KY 42101 c/o James McGuire, Professor
Crop Management Quiz	Apple Dealership or Hobart Bowling Green, KY
Field Inventory	Freds Micro-Ware Box 162 Route 1 Amboy, MN 56010
Crop Budget Template for Visicalc	Western KY University Ag. Department Bowling Green, KY 42101 c/o Dr. McGuire
Weed Control in Soybeans	Agr-Education, Inc. 815 Shakespeare Stratford, Iowa 50249
Ag Pac	Software Package Wisconsin Microware One South Park Street Suite 220 Madison, WI 53715
Corn/Soybean Management	Harris Technical Systems

LIVESTOCK

Program	Vendor & Address
Mixit I	Agricultural Software Consultants 1706 Santa Fe Kingsville, TX 78363
Ag Disk - Feedlot Cattle Management Visi Calc Template	Radio Shack
Ag Disk Cow-Calf Management	Radio Shack
Livestock Budgets Templates	Western KY University Ag. Department Bowling Green, KY 42101 c/o Dr. James McGuire
Ag Pack	Software Package Wisconsin Microware One South Park Street Suite 220 Madison, WI 53715
Swine Management	Harris Technical Systems
Swine Record Keeping	Harris Technical Systems

HORTICULTURE

Program	Vendor & Address
"Leaves" - Internal & External Structure	Ideal School Supply Company 1100 South Lavergne Avenue Oak Lawn, IL 60453
Computer Augmented Plant Selector	Terisan Pautz Road P.O. Box 286 Maribel, WI 54227
Plant Competition (CMPETE)	Conduit P.O. Box 388 Iowa City, Iowa 52244
Horticulture Budgets (templates)	Western KY University Ag. Department Bowling Green, KY 42101 c/o Dr. James McGuire
Plant Growth	Doug Southworth & IBM
Leaf: Structure and Function	Doug Southworth & IBM
Passive Transport	Doug Southworth & IBM
Cell Growth & Mitosis	Doug Southworth & IBM
Photosynthesis & Light Energy	Doug Southworth & IBM

AGRICULTURAL MECHANICS

Program	Vendor & Address
Ag Disk - Machinery Management - Series One	Harris Technical Systems, Inc. 624 Peach Street P.O. Box 80837 Lincoln, NE 68501
Machinery Management Series I	Radio Shack
Machine Cost	Fred's Micro-ware Box 162, Route 1 Amboy, MN 56010
Machinery Management	Harris Technical Systems, Inc. 624 Peach Street P.O. Box 80837 Lincoln, NE 68501

SAFETY

Program	Vendor & Address
Tool Safety - Shop and Lab Related	Hobar Publications 1234 Tiller Lane St. Paul, MN 55112
Home & Farmstead Safety	Hobar Publications 1234 Tiller Lane St. Paul, MN 55112

ENVIRONMENTAL

Program	Vendor & Address
Air Pollution	Carolina Biological Supply Co. 2700 York Road Burlington, NC 27215
Water Pollution	Carolina Biological Supply Co. 2700 York Road Burlington, NC 27215

LEADERSHIP

Program	Vendor & Address
FFA Information	Vocational Instructional Services F.E. Box 182 Texas A & M, College Station, TX 77843
Parliamentary Quiz	Hobart or Apple Dealership Computer Market
Parliamentary Procedure	Vocational Instructional Services F.E. Box 182 Texas A & M College Station, TX 77843
FFA Quiz	Dr. Coffey

GENERAL AGRICULTURE

Program	Vendor & Address
Micro Computer Applications in Vocational Education	Illinois St.
16 Ag Programs	Vocational Agriculture Service University of Illinois 1401 S. Maryland Drive Urbana, IL 61801
Micro Computer Applications in Agriculture	Mid America Vocational Curriculum Consortium (MAVCC) 1500 West 7th Avenue Stillwater, OK 74074
Visicalc - Crops, Livestock, Horticulture, and Financial Management Budgets - Computer Template Package	Agr. Development Fund WKU Department of Agriculture Western KY University Bowling Green, KY 42101
49 Various Titles on Three Diskettes - examples: archery, bikeriding, hunt guns, first aid, energy conservation	University of Kentucky Extension Service - Computer Lab Lexington, KY
CCAPP (Computerized Career Assessment and Planning Program)	System Design Associates, Inc. Ms. Mary Lynn Cunningham 1530 Meadowthorpe Lexington, KY 40505
Micro Computer Applications in Agriculture	Mid America Vocational Curriculum Consortium 1500 West 7th Avenue Stillwater, OK 74074

MISCELLANEOUS

Program	Vendor & Address
Parliamentary Procedure II	Agri-Farm Publications Box 43 Gowrie, Iowa 50543
Alphabetic Keyboarding Package	South-Western Publishing Co. 5101 Madison Road Cincinnati, Ohio 45227
Scripsit Dictionary - Drive I	Radio Shack Greenwood Mall Bowling Green, KY 42101
CompuServe	Compuserve 5000 Arlington Centre Blvd. P.O. Box 20212 Columbus, Ohio 43220
How To Use Multiplan	Fliptrack Learning Systems Glenn Ellyn, IL 60137
Multiplan	Microsoft Corporation 10700 Northup Way Bellevue, WA 98004
Softcrates	Simpac Educational Systems Suite 11-C 1105 North Main Street Gainesville, FL 32601
Lotus 1, 2, 3	Computerized Bowling Green, KY 42101
Word Handler II	Any computer store
Agri/Com III	Photocom Productions P.O. Box 3135 Pismo Beach, CA 93449
Crossword Magic	
VisCal	Purchase from any computer store
Visicalc	Radio Shack Green Wood Mall Bowling Green, KY 42101
Visicalc	Radio Shack

MISCELLANEOUS (cont'd)

Program	Vendor & Address
Visi-Calc	Apple Dealership Bowling Green, KY 42101
Cedex Training for Visicalc	Randolph Hale Hopkinsville, KY or local dealer
Type Attack	VEP San Luis Obispu, CA 93407
Class Master	VEP San Luis Obispu, CA 93407
Super Scripsit	Radio Shack
Profile III Plus	Radio Shack
Work Processor Superscripsit + Drive 0	Radio Shack Greenwood Mall Bowling Green, KY 42101
Apple Writer	Apple Sales Dealership (Computer Market) Bowling Green, KY 42101
Apple Writer II	Randolph Hale Hopkinsville, KY or local dealer
PFS Profile III Plus - Creation Diskette & Runtime Diskette	Radio Shack Greenwood Mall Bowling Green, KY 42101
PFS File	Apple Dealership Bowling Green, KY 42101
PFS Report	Apple Dealership Bowling Green, KY 42101
PFS - File	Randolph Hale Hopkinsville, KY or local dealer
Personal Filing System/Personal Filing System Report*	
Notebook - Updated Monthly - Agricultural Computing Source Book	Doanes-Western, Inc. St. Louis, MO 63144
Microcomputer Applications for Agriculture	MAVCO 1500 West Seventh Stillwater, OK 74074

Kentucky Department of Education

Alice McDonald, Superintendent of Public Instruction
Capital Plaza Tower, Frankfort, Kentucky 40601

MEMORANDUM

TO: Vocational Agriculture Teachers

FROM: Rodney Kelly, Director
Agribusiness Education Unit R. K.

DATE: May 15, 1985

SUBJECT: Vocational Agriculture Computer Workshop Survey

As you may know, we have been involved in a program the past two years utilizing computers and software in vocational agriculture programs. Twelve vocational agriculture departments have been evaluating software and developing methods of utilizing computers in vocational agriculture.

I know there are a number of vocational agriculture programs that have their own computer, and the teachers are needing additional training. In order for us to decide how to best provide this training, I am asking each department that has its own computer or has free access to a computer to complete the attached survey and return to me as soon as possible.

We are considering the possibility of conducting some area workshops in the second or third week of June, so your response is necessary before a decision can be made.

jlw

Attachment

Only those schools that have their own computer or have free access to the use of a computer should complete this form.

****

PLEASE PRINT

SCHOOL _____

TEACHER'S NAME _____

TYPE OF COMPUTER YOU HAVE _____

DO YOU HAVE A PRINTER? _____

WOULD YOU BE INTERESTED IN A ONE-DAY COMPUTER WORKSHOP

DURING THE SECOND OR THIRD WEEK OF JUNE? _____

RETURN TO:

RODNEY KELLY, DIRECTOR
AGRIBUSINESS EDUCATION UNIT
2125 CAPITAL PLAZA TOWER
FRANKFORT, KY 40601

Kentucky Department of Education

Alice McDonald, Superintendent of Public Instruction
Capital Plaza Tower, Frankfort, Kentucky 40601

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